

### ABB Technology Ltd

## **SCHEMA ELETTRICO ELECTRICAL CONTROL CIRCUIT**

**DESCRIZIONE PROGETTO** PROJECT DESCRIPTION

PASS M0 SBB

**PROGETTO PROJECT** 

**CLIENTE CUSTOMER** 

ALIMENTAZIONE AUSILIARIA AUXILIARY CIRCUIT POWER SUPPLY

MOTORE CARICA MOLLE

125VDC

SPRING CHARGING MOTOR

125VDC

**MOTORE SEZIONATORE** DISCONNECTOR MOTOR

CIRCUITI AUSILIARI DI CONTROLLO

125VDC

**AUXILIARY CONTROL CIRCUITS** 

CIRCUITO ANTICONDENSA E RISCALDAMENTO ANTICONDENSATE AND HEATING CIRCUIT

230VAC 50HZ

07/12/2017

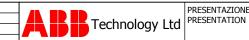
ESPOSITO

GRANATA

COMANDO INTERRUTTORE CIRCUIT BREAKER DRIVE

TRIPOLARE THREE-POLE

25/01/2018 05/02/2018 ESPOSITO MODIFICA DATA



PRESENTAZIONE

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<u> </u>	PART LIST DISTINTA ARTICOLI		_				
/620.g	PART LIST	Α	В				
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/620.i	DISTINTA ARTICOLI PART LIST	A	В				
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<u> </u>	PART LIST DISTINTA ARTICOLI		_				-
/620.k	PART LIST	A	В				
/620.I	DISTINTA ARTICOLI PART LIST	A	В				
/620.m	DISTINTA ARTICOLI	Α	В				
<u> </u>	PART LIST DISTINTA ARTICOLI						
/620.n	PART LIST	Α	В		1		
/620.o	DISTINTA ARTICOLI PART LIST	A	В				
/620.p	DISTINTA ARTICOLI	Α	В				
	PART LIST MOTORE CARICA MOLLA		В		+		
=S1+152/10	SPRING CHARGING MOTOR CIRCUITO CARICA MOLLA	A	В				-
=S1+152/12	SPRINGS CHARGING CIRCUIT	A					

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/620.e	DISTINTA ARTICOLI PART LIST	A	В			
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=S1+152/10	MOTORE CARICA MOLLA SPRING CHARGING MOTOR	A	В			
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=S1+152/12	SPRINGS CHARGING CIRCUIT	A				
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=S1+152/19	SECONDO CIRCUITO DI APERTURA	A			
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=S1+152/23	INTERNAL INTERIOCKS	A			
=S1+152/25	SEGNALAZIONI E ALLARMI DISPONIBILI	A			
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=S1+152/28	AVAILABLE AUXILIARY CONTACTS	A			
=S1+152/28.a	CONTATTI AUSILIARI DISPONIBILI	A			
-	AVAILABLE AUXILIARY CONTACTS SEGNALAZIONI LOCALI				
=S1+152/31	LOCAL SIGNALLING	A			
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=S1+152/37	WIRING DIAGRAM DRIVE	Α			
=S1+152/38	SCHEMA MORSETTI =S1+152-X1 TERMINAL DIAGRAM =S1+152-X1	Α			
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=S1+189/59	CONTATTI AUSILIARI DISPONIBILI TERRA EARTH AVAILABLE AUXILIARY CONTACTS				
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=S1+189/67.a	SCHEMA MORSETTI =S1+189-X2				
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=S1+189/68	TERMINAL DIAGRAM =S1+189-X4				
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=S1+189/69.a	SCHEMA CABLAGGIO =S1+189-W5				
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=S1+189/70	CABLE DIAGRAM =S1+189-W6				
=S1+189/70.a	SCHEMA CABLAGGIO =S1+189-W6				
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=S1+189L/81	SIGNALLING AND ALARMS AVAILABLE				
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51 - 1001 /04	LINE AVAILABLE AUXILIARY CONTACTS CONTATTI AUSILIARI DISPONIBILI TERRA				
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=S1+189L/90	SETTAGGIO CAMME CONTACT OPERATION DIAGRAM				
=S1+189L/91	SCHEMA MORSETTI = SIA-189L-XI				
-31+169L/91	TERMINAL DIAGRAM =51+189L-X1 SCHEMA MORSETTI =51+189L-X1				<u> </u>
=S1+189L/91.a	TERMINAL DIAGRAM =51+189L-X1				
=S1+189L/91.b	SCHEMA MORSETTI =S1+189L-X1				
	TERMINAL DIAGRAM =S1+189L-X1 SCHEMA MORSETTI =S1+189L-X1				<del> </del>
=S1+189L/91.c	TERMINAL DIAGRAM =S1+189L-X1				
=S1+189L/92	SCHEMA MORSETTI =S1+189L-X2 TERMINAL DIAGRAM =S1+189L-X2				
=S1+189L/92.a	SCHEMA MORSETTI =S1+189L-X2				
	TERMINAL DIAGRAM =S1+189L-X2 SCHEMA MORSETTI =S1+189L-X4		-		
=S1+189L/93	TERMINAL DIAGRAM =S1+189L-X4				
=S1+189L/94	SCHEMA CABLAGGIO =S1+189L-W5				
-C1 + 1901 /04 a	CABLE DIAGRAM =S1+189L-W5 SCHEMA CABLAGGIO =S1+189L-W5				
=S1+189L/94.a	CABLE DIAGRAM =S1+189L-W5				
=S1+189L/95	SCHEMA CABLAGGIO =S1+189L-W6 CABLE DIAGRAM =S1+189L-W6				
=S1+189L/95.a	SCHEMA CABLAGGIO =S1+189L-W6				
,	CABLE DIAGRAM =S1+189L-W6 CONTROLLO GAS CIRCUITO PRIMA APERTURA				
=S1+COM/300	GAS CONTROL FIRST OPENING CIRCUIT				L

MODIFICA MODIFICATION	DATA DATE	NOME NAME	MODIFICA MODIFICATION	DATA DATE	NOME NAME	ORIGINE SOURCE							2GJA419	652R034	TOTALE TOTAL	15
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2.a	25/01/2018	ESPOSITO	П			DATA	07/12/2017		001444070 05115 5 : 5				T=			2
<																
-31700	/i-i/ 300		GAS CON	TROL FIRST (	OPENING CIF	RCUIT										
=S1+C0	M/300		CONTROL	LO GAS CIRC	CUITO PRIMA	APERTURA										
=S1+18	9L/95.a			CABLAGGIO = AGRAM =S1+	=S1+189L-W +189L-W6	ъ										
=S1+18	JL/J2		CABLE DI	AGRAM =S1+	+189L-W6											
_ C1 . 12	01./05				=S1+189L-W	76										$\dashv$
=S1+18	9L/94.a			CABLAGGIO = AGRAM =S1+	=S1+189L-W ⊾1891-W5	'5										
=51+18	フL/ <del>34</del>			AGRAM =S1+												
=S1+18	01./04		SCHEMA (	CABLAGGIO =	=S1+189L-W	5										
=S1+18	9L/93				S1+189L-X4 =S1+189L-X4											
-31710	JLJ 32.0		TERMINA	L DIAGRAM =	=S1+189L-X2	2										$\dashv$
=S1+18	01 /02 a		SCHEMA I	MORSETTI =:	S1+189L-X2											
=S1+18	9L/92				=S1+109L-X2											
	· ·		TERMINA SCHEMA	L DIAGRAM =	=S1+189L-X1 S1+189L-X2	L				-					-	$\dashv$
=S1+18	9L/91.c				S1+189L-X1			 		 					]	7
=S1+18	9L/91.D		TERMINA	L DIAGRAM =	=S1+189L-X1	L										
	01 /01 5		SCHEMA I	MORSETTI =	=51+189L-X1 S1+189L-X1	<u> </u>										$\dashv$
=S1+18	9L/91.a				S1+189L-X1 =S1+189L-X1										[	
-31+10	J-  J1				=S1+189L-X1									-		_
=S1+18	9L/91		SCHEMA I	MORSETTI =	S1+189L-X1											
=S1+18	9L/90		CONTACT	<b>OPERATION</b>	<u>DIAGR</u> AM			 		 				<u> </u>		
	· ·		SETTAGG	<u>Diagram Dri</u> Io Camme	TAE					-		1		+	-	$\dashv$
=S1+18	9L/89			IO COMANDO												
=S1+18	JL/00		OPTIONS													
_C1 : 10	01 /00		OPZIONI													$\dashv$
=S1+18	9L/87			ZIONI LOCAL GNALLING	.1											
				/AILABLE AU) ZIONI LOCAL	XILIARY CON	HACTS						1				
=S1+18	9L/84				DISPONIBILI											
=S1+18	9L/83		LINE AVA	ILABLE AUXII	LIARY CONTA	ACTS		 								l
24	01./02				DISPONIBILI											$\dashv$
=S1+18	9L/81				ARMI DISPON RMS AVAILAI											
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=S1+18	91 /78			LU SEZIUNA												- 1

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=S1+COM/305	CONTROLLO GAS CIRCUITO PRIMA APERTURA	
•	GAS CONTROL FIRST OPENING CIRCUIT CONTROLLO GAS CIRCUITO SECONDA APERTURA	
=S1+COM/310		
C1 - COM/215	GAS CONTROL SECOND OPENING CIRCUIT CONTROLLO GAS CIRCUITO SECONDA APERTURA	
=S1+COM/315	GAS CONTROL SECOND OPENING CIRCUIT	
-£1+COM/340	INTERBLOCCHI GAS	
=S1+COM/340	GAS INTERLOCKS	
=S1+COM/370	SEGNALAZIONI E ALLARMI DISPONIBILI MANODENSOSTATO	
-511 (01:1/5/0	PRESSURE GAUGE SIGNALLINGS AND ALARMS AVAILABLE	
=S1+COM/371	SEGNALAZIONI E ALLARMI DISPONIBILI MANODENSOSTATO	
	PRESSURE GAUGE SIGNALLINGS AND ALARMS AVAILABLE	
=S1+COM/400	CABLAGGIO MANODENSOSTATO	
	PRESSURE GAUGE WIRING DIAGRAM	
=S1+COM/401	CABLAGGIO MANODENSOSTATO  DECCUBE CAUCE WITHING DIAGRAM	
•	PRESSURE GAUGE WIRING DIAGRAM CABLAGGIO MANODENSOSTATO	
=S1+COM/402	PRESSURE GAUGE WIRING DIAGRAM	
	FRESSORE GAOGE WIRING DIAGNAM SISTEMA DI MONITORAGGIO TBL	
=S1+COM/403	TBL MONITORING SYSTEM	
61 - 6011/404	SISTEMA DI MONITORAGGIO TBL	
=S1+COM/404	TBL MONITORING SYSTEM	
-\$1 + COM/42E	CIRCUITO ANTICONDENSA E ILLUMINAZIONE INTERNO QUADRO	
=S1+COM/435	ANTICONDENSATE AND LIGHT INTERNAL PANEL CIRCUIT	
=S1+COM/436	CIRCUITO ANTICONDENSA E RISCALDAMENTO	
-311 0011/130	ANTICONDENSATE AND HEATING CIRCUIT	
=S1+COM/443	SEGNALAZIONI E ALLARMI DISPONIBILI CIRCUITO ANTICONDENSA E RISCALDAMENTO	
	ANTICONDENSATE AND HEATING CIRCUIT SIGNALLINGS AND ALARMS AVAILABLE	
=S1+COM/445	SOMMARIO SELETTORE	
	SELECTOR SWITCH OVERVIEW	
=S1+COM/446	SCHEMA MORSETTI =S1+COM-X1	
· · · · · · · · · · · · · · · · · · ·	TERMINAL DIAGRAM =S1+COM-X1  SCHEMA MORSETTI =S1+COM-X1	
=S1+COM/446.a	TERMINAL DIAGRAM =S1+COM-X1	
	SCHEMA MORSETTI = S1+COM-X1	
=S1+COM/446.b	TERMINAL DIAGRAM =\$1+COM-X1	
C1 - COM/447	SCHEMA MORSETTI =S1+COM-X1.1	
=S1+COM/447	TERMINAL DIAGRAM =S1+COM-X1.1	
-\$1   COM/448	SCHEMA MORSETTI =S1+COM-X2	
=S1+COM/448	TERMINAL DIAGRAM =S1+COM-X2	
=S1+COM/448.a	SCHEMA MORSETTI =S1+COM-X2	
	TERMINAL DIAGRAM =S1+COM-X2	
=S1+COM/448.b	SCHEMA MORSETTI =S1+COM-X2	
	TERMINAL DIAGRAM =S1+COM-X2	
=S1+COM/448.c	SCHEMA MORSETTI =S1+COM-X2	
	TERMINAL DIAGRAM =S1+COM-X2  SCHEMA MORSETTI =S1+COM-X2.1	
=S1+COM/449	SCHEM MOKSE II = 51+COM-X2.1 TERMINAL DIAGRAM = S1+COM-X2.1	
	TERPITIVAL DIAGRAM ST-CONTAC.1 SCHEMA CABLAGGIO = ST-COM-WIR.A	
=S1+COM/450	CABLE DIAGRAM =51+COM-WIR.A	
C1 - COM/451	SCHEMA CABI.AGGIO =51+COM-W1R.B	
=S1+COM/451	CABLE DIAGRAM =S1+COM-W1R.B	
C1 - COM/4F2	SCHEMA CABLAGGIO =51+COM-W1R.C	
=S1+COM/452	CABLE DIAGRAM =S1+COM-W1R.C	
-\$1 + COM/AE2	SCHEMA CABLAGGIO =51+COM-W1S.A	
=S1+COM/453	CABLE DIAGRAM =S1+COM-W1S.A	
=S1+COM/454	SCHEMA CABLAGGIO =S1+COM-W1S.B	
-511 COP IJ 151	CABLE DIAGRAM =S1+COM-W1S.B	
:S1+COM/455	SCHEMA CABLAGGIO =S1+COM-W1S.C	
	CABLE DIAGRAM =51+COM-W1S.C	
=S1+COM/456	SCHEMA CABLAGGIO =S1+COM-W1T.A	

-5110	.011/101			TORING SYST													
=S1+C	OM/435				ISA E ILLUMINAZ LIGHT INTERNA												1
_C1 . C	:OM/436				ISA E RISCALDAN		CUII										+
=51+0	UM/436		ANTICOND	ENSATE AND	HEATING CIRCU	IT											
=S1+C	OM/443						NTICONDENSA E NGS AND ALARMS										
04 . 0				SELETTORE		II SIGNALLI	INGS AIND ALARIMS	5 AVAILABLE	<u> </u>								-
=51+0	OM/445		SELECTOR	SWITCH OVE	RVIEW												
=S1+C	OM/446			ORSETTI =S1 DIAGRAM =S													
61.6	2014/446 -		SCHEMA M	ORSETTI =S1	1+COM-X1												$\dashv$
=51+0	OM/446.a		TERMINAL	DIAGRAM =S	S1+COM-X1												
=S1+C	OM/446.b			ORSETTI =S1													
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=S1+C	OM/447			DIAGRAM =S													
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-31+0	.UI1/446		TERMINAL	DIAGRAM =S	S1+COM-X2												_
=S1+C	OM/448.a			ORSETTI =S1 DIAGRAM =S													
			SCHEMA M	ORSETTI =S1	1+COM-X2										1		-
=S1+C	OM/448.b		TERMINAL	DIAGRAM =S	S1+COM-X2												
=S1+C	OM/448.c			ORSETTI =S1													
	. ,		TERMINAL SCHEMA M	DIAGRAM =S ORSETTI =S1	51+COM-X2 1+COM-Y2 1										-		-
=S1+C	OM/449			DIAGRAM =S													
=S1+C	OM/450		SCHEMA C	ABLAGGIO =S	S1+COM-W1R.A												٦
-5110	OF1/ 150		CABLE DIA	GRAM =S1+C	COM-W1R.A S1+COM-W1R.B										-		_
=S1+C	OM/451			GRAM =S1+C													
C1 . C	OM/4F2		SCHEMA C	ABLAGGIO =S	S1+COM-W1R.C												$\exists$
=51+0	OM/452		CABLE DIA	GRAM =S1+C	COM-W1R.C												4
=S1+C	OM/453				S1+COM-W1S.A												
	•			<u>GRAM =S1+C</u> ABLAGGIO =S	COM-W1S.A S1+COM-W1S.B										+		$\dashv$
=S1+C	OM/454		CABLE DIA	GRAM =S1+C	COM-W1S.B												
=S1+C	OM/455		SCHEMA C	ABLAGGIO =S	S1+COM-W1S.C												٦
-5170	.0.1/100			GRAM =S1+C										-	-		$\dashv$
=S1+C	OM/456			ABLAGGIO =S .GRAM =S1+C	S1+COM-W1T.A												
61.6	2014/457				S1+COM-W1T.B									1	1		$\exists$
=S1+C	.UM/45/		CABLE DIA	GRAM =S1+C	COM-W1T.B												$\Box$
=S1+C	OM/458				S1+COM-W1T.C												
	•		CABLE DIA	GRAM =S1+C	LOM-MIT.C										1		
.b																	2.d
	25/01/2018	ESPOSITO			Di	ATA ATF	07/12/2017				SOMMARIO DELLE P	AGINE			=		
					E	ABORATORE DITED BY	ESPOSITO		II II Too	hnology Ltd	TABLE OF CONTENT				+		
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25/01/2018 05/02/2018

PAGINA PAGE	DESCRIZIONE PAGINA PAGE DESCRIPTION			REVIS REVI	
=S1+COM/459	SCHEMA CABLAGGIO =S1+COM-W2R.A CABLE DIAGRAM =S1+COM-W2R.A				
=S1+COM/460	SCHEMA CABLAGGIO =S1+COM-W2R.B CABLE DIAGRAM =S1+COM-W2R.B				
=S1+COM/461	SCHEMA CABLAGGIO =S1+COM-W2R.C CABLE DIAGRAM =S1+COM-W2R.C				
=S1+COM/462	SCHEMA CABLAGGIO =S1+COM-W2S.A  CABLE DIAGRAM =S1+COM-W2S.A				
=S1+COM/463	SCHEMA CABLAGGIO =S1+COM-W2S.B  CABLE DIAGRAM =S1+COM-W2S.B				
=S1+COM/464	SCHEMA CABLAGGIO =S1+COM-W2S.C CABLE DIAGRAM =S1+COM-W2S.C				
=S1+COM/465	SCHEMA CABLAGGIO =S1+COM-W2T.A CABLE DIAGRAM =S1+COM-W2T.A				
=S1+COM/466	SCHEMA CABLAGGIO =S1+COM-W2T.B  CABLE DIAGRAM =S1+COM-W2T.B				
=S1+COM/467	SCHEMA CABLAGGIO =S1+COM-W2T.C  CABLE DIAGRAM =S1+COM-W2T.C				
=S1+CT/500	COLLEGAMENTO TRASFORMATORI TRANSFORMERS CONNECTION		В		
=S1+CT/501	COLLEGAMENTO TRASFORMATORI TRANSFORMERS CONNECTION		В		
=S1+CT/502	SCHEMA MORSETTI =S1+CT-X1 TERMINAL DIAGRAM =S1+CT-X1				
=S1+CT/502.a	SCHEMA MORSETTI =S1+CT-X1 TERMINAL DIAGRAM =S1+CT-X1				
=S1+CT/503	SCHEMA MORSETTI =S1+CT-X1.1 TERMINAL DIAGRAM =S1+CT-X1.1				
=S1+CT/503.a	SCHEMA MORSETTI =S1+CT-X1.1 TERMINAL DIAGRAM =S1+CT-X1.1				
=S1+CT/504	SCHEMA MORSETTI = S1+CT-X2 TERMINAL DIAGRAM = S1+CT-X2 SCHEMA CABLAGGIO = S1+CT-W1.R				
=S1+CT/505	SCHEMA CABLAGGIO =51+CI-WI.R  CABLE DIAGRAM =51+CT-WI.R  SCHEMA CABLAGGIO =51+CT-WI.S				
=S1+CT/506	SCHEMA CABLAGGIO =51+CI-WI.S  CABLE DIAGRAM =51+CT-WI.S  SCHEMA CABLAGGIO =51+CT-WI.T				
=S1+CT/507	CABLE DIAGRAM =S1+CT-W1.T  SCHEMA CABLAGGIO =S1+CT-W2.R				
=S1+CT/508	CABLE DIAGRAM = S1+CT-W2.R  SCHEMA CABLAGGIO = S1+CT-W2.S				
=S1+CT/509	CABLE DIAGRAM =S1+CT-W2.S  SCHEMA CABLAGGIO =S1+CT-W2.T				
=S1+CT/510	CABLE DIAGRAM =S1+CT-W2.T	_			
<u> </u>	MONITORING SYSTEM LIST OF SIGNAL	A			
,	MONONITORING SYSTEM AUXILIARY SUPPLY				
,	TBL MONITORING SYSTEM	A			
,	TERMINAL DIAGRAM =S1+SM-X1	A			
=S1+SM/550 =S1+SM/551 =S1+SM/552 =S1+SM/553 =S1+SM/554	LISTA SEGNALI SISTEMA DI MONITORAGGIO MONITORING SYSTEM LIST OF SIGNAL ALIMENTAZIONE AUSILIARIA SISTEMA DI MONITORAGGIO MONONITORING SYSTEM AUXILIARY SUPPLY SISTEMA DI MONITORAGGIO TBL TBL MONITORING SYSTEM SCHEMA MORSETTI =S1+SM-X1	A			

=S1+CT/503.a	SCHEMA MORSETTI =S1+CT-X1.1				
=51+C1/505.8	TERMINAL DIAGRAM =S1+CT-X1.1				
=S1+CT/504	SCHEMA MORSETTI =S1+CT-X2				
-51161/501	TERMINAL DIAGRAM =S1+CT-X2				
=S1+CT/505	SCHEMA CABLAGGIO =S1+CT-W1.R				
-31101/303	CABLE DIAGRAM =S1+CT-W1.R				
=S1+CT/506	SCHEMA CABLAGGIO =S1+CT-W1.S				
	CABLE DIAGRAM =S1+CT-W1.S				
=S1+CT/507	SCHEMA CABLAGGIO =S1+CT-W1.T				
	CABLE DIAGRAM =S1+CT-W1.T				
=S1+CT/508	SCHEMA CABLAGGIO =S1+CT-W2.R				
	CABLE DIAGRAM =51+CT-W2.R				
=S1+CT/509	SCHEMA CABLAGGIO =S1+CT-W2.S				
·	CABLE DIAGRAM =S1+CT-W2.S SCHEMA CABLAGGIO =S1+CT-W2.T				
=S1+CT/510					
	CABLE DIAGRAM =S1+CT-W2.T LISTA SEGNALI SISTEMA DI MONITORAGGIO				
=S1+SM/550	MONITORING SYSTEM LIST OF SIGNAL	Α			
<u> </u>	MONITORING STSTEM LIST OF SIGNAL ALIMENTAZIONE AUSILIARIA SISTEMA DI MONITORAGGIO				
=S1+SM/551	MONONITORING SYSTEM AUXILIARY SUPPLY	Α			
	SISTEMA DI MONITORAGGIO TBL				
=S1+SM/552	TBL MONITORING SYSTEM	A			
	SCHEMA MORSETTI =51+SM-X1	_			
=S1+SM/553	TERMINAL DIAGRAM =S1+SM-X1	Α			
	SCHEMA CABLAGGIO =S1+SM-W1				
=S1+SM/554	CABLE DIAGRAM =S1+SM-W1				
	CADLE DIAGRAM = 31 (SI) WI		 		

07/12/2017 ESPOSITO GRANATA

Technology Ltd SOMMARIO DELLE PAGINE TABLE OF CONTENTS 2GJA419652R034 0 1 2 3 4 5 6 7 8 9

### STATO DI FUNZIONAMENTO RAPPRESENTATO OPERATING CONDITION SHOWN

LO SCHEMA È RAPPRESENTATO NELLE SEGUENTI CONDIZIONI: SCHEMATIC DIAGRAM IS SHOWN IN THE FOLLOWING CONDITIONS:

- -INTERRUTTORI APERTI
- -CIRCUIT BREAKERS OPENED
- -SEZIONATORI APERTI
- -DISCONNECTORS OPENED
- -I FINECORSA S4 SONO RAPPRESENTATI A COPERCHIO APERTO
- -S4 MICROSWITCHES ARE REPRESENTED WITH COVER REMOVED
- -CIRCUITI PRIMARI E DI CONTROLLO IN ASSENZA DI TENSIONE
- -PRIMARY AND CONTROL CIRCUITS WITHOUT VOLTAGE (DE-ENERGIZED)
- -MOLLE SCARICHE
- -SPRINGS DISCHARGED
- -ASSENZA DI GAS SF6
- -ABSENCE OF SF6 GAS

MODIFICATION DATA

- -SELETTORE MANUALE 'MANUALE-LOCALE-REMOTO' IN POSIZIONE DI 'REMOTO'.
- CHIAVE DEL SELETTORE ESTRAIBILE IN POSIZIONE DI 'REMOTO'
- -SELECTOR SWITCH 'MANUAL-LOCAL-REMOTE' IN 'REMOTE' POSITION.

REMOVABLE KEY SELECTOR IN REMOTE POSITION

#### TARATURA MANODENSOSTATO GAS SF6 SF6 GAS SETTING

DENSITA'
DENSITY

63GB1

1° LIVELLO ALLARME
1° LEVEL ALARM

63GB2/2
63GB2/1

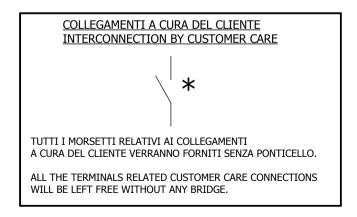
2° LIVELLO BLOCCO
2° LEVEL LOCK-OUT

PER LE PRESSIONI VEDERE LO SCHEMA UNIFILARE DI MODULO. FOR DETAILS SEE THE VALUE IN SINGLE LINE DIAGRAM.

#### NOTE PER L'ELENCO MATERIALI NOTES FOR EQUIPMENT LIST

PER LE TENSIONI DEI COMPONENTI FARE RIFERIMENTO ALLA PAGINA 1. FOR THE COMPONENTS VOLTAGE SEE PAGE 1.

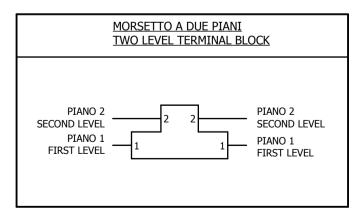
I COMPONENTI INDICATI POSSONO ESSERE SOGGETTI A VARIAZIONE. THE COMPONENTS INDICATED MAY BE SUBJECT TO VARIATION.



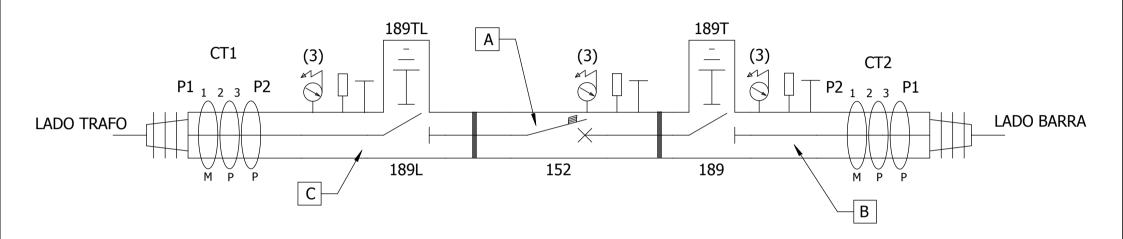
MODIFICA DATA MODIFICATION DATE 07/12/2017

ESPOSITO

GRANATA



 0 1 2 3 4 5 6 7 8 9



### <u>NOTE</u> <u>NOTES</u>

PER CARATTERISTICHE E TIPOLOGIA NUCLEI TA VEDERE RELATIVO SCHEMA UNIFILARE DI MODULO. FOR CT CORES PARAMETERS REFER TO THE SINGLE LINE DIAGRAM IN THE LAYOUT DRAWING.

LA RAPPRESENTAZIONE DELLO SCHEMA ELETTRICO UNIFILARE SULL' ARMADIO DI COMANDO SARA' RUOTATA DI 90° (SENSO ANTIORARIO). THE SINGLE LINE DIAGRAM WILL BE RAPPRESENTED ROTATE OF 90° ON CONTROL CABINET (COUNTERCLOCKWISE).

3

| Section | State | Modification | Bate |

AMBIENTE DI INSTALLAZIONE:	AMBIENTE TROPICALE/MARINO TROPICAL/MARINE ENVIRONMENT	SI YES
ENVIRONMENT CONDITION:	AMBIENTE GEOTERMICO GEOTHERMAL ENVIRONMENT	NO NO
TIPO DI INSTALLAZIONE: TYPE OF INSTALLATION:	ESTERNO OUTDOOR	
MINIMA TEMPERATURA DI FUNZIONAMENTO: MINIMUM TEMPERATURE RATING VALUE:	-30 ℃	
STRUTTURA ARMADIO: CABINET STRUCTURE:	CASSA ENCLOSURE	
TIPO DI ARMADIO: LCC STRUCTURE:	ACCIAIO INOX AISI 316 STAINLESS STEEL AISI 316	
FISSAGGIO ARMADIO: MOUNTING PANEL:	STRUTTURA DI SOSTEGNO ON SUPPORT STRUCTURE	
INGRESSO/USCITA CAVI: INPUT / OUTPUT CABLES:	PRESSACAVI IN POLIAMMIDE POLYAMIDE CABLE GLANDS.	
GRADO DI PROTEZIONE: DEGREE OF PROTECTION:	IP44	
VERNICIATURA ESTERNA: EXTERNAL PAINTING:	-	
VERNICIATURA PORTA INTERNA: INTERNAL DOOR PAINTING:	RAL 7030	
LINGUA DELLE TARGHE: LANGUAGE OF PLATES:	SPAGNOLO SPANISH	
NOTE PARTICOLARI: NOTE:	MANIGLIA LUCCHETTABILE PADLOCKABLE HANDLE	

CABLAGGIO WIRING	
MARCATURA FILO:	PROGRESSIVA
WIRE MARKING:	PROGRESSIVE TYPE
SIGLATURA: MARKING:	COMPONENTE TARGHETTA COMPONENT LABEL +152-K6:A2 — 12.2 —
CABLAGGIO INTERNO:	CAVO PRIVO DI ALOGENI 450/750V TIPO N07G9-K
INTERNAL WIRING:	HALONGEN FREE CABLE 450/750V type TIPO N07G9-K
COLORE FILI: WIRE COLOR:	TUTTI I FILI DI CABLAGGIO SARANNO DI COLORE NERO. ALL WIRING MUST BE BLACK.  I COLLEGAMENTI DI TERRA SARANNO DI COLORE GIALLO/VERDE. EARTH CONNECTION MUST BE GREEN/YELLOW.
CAVO ESTERNO:	CAVO PRIVO DI ALOGENI 0,6/1kV TIPO FG7OH2M1
EXTERNAL CABLE:	HALOGEN FREE CABLE 0,6/1kV TYPE FG7OH2M1
COLORE CAVI ESTERNI:	GRIGIO
EXTERNAL COLOUR CABLE:	GREY
NOTE PARTICOLARI:	CABLAGGIO E CANALETTE HALOGEN FREE
NOTE:	HALOGEN FREE WIRING AND CABLE DUCT

MODIFICA DATA

0

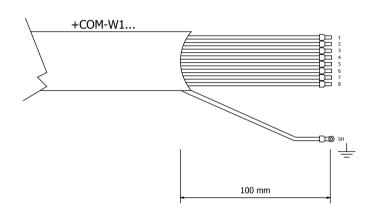
07/12/2017 ESPOSITO GRANATA

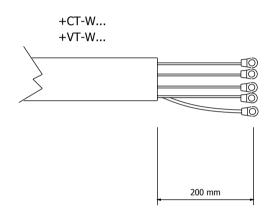


9

CAVI DI COLLEGAMENTO MANODENSOSTATI PRESSURE GAUGES CONNECTION CABLES

CAVI DI COLLEGAMENTO TRASFORMATORI DI CORRENTE E DI TENSIONE CURRENT AND VOLTAGE TRANSFORMERS CONNECTION CABLES





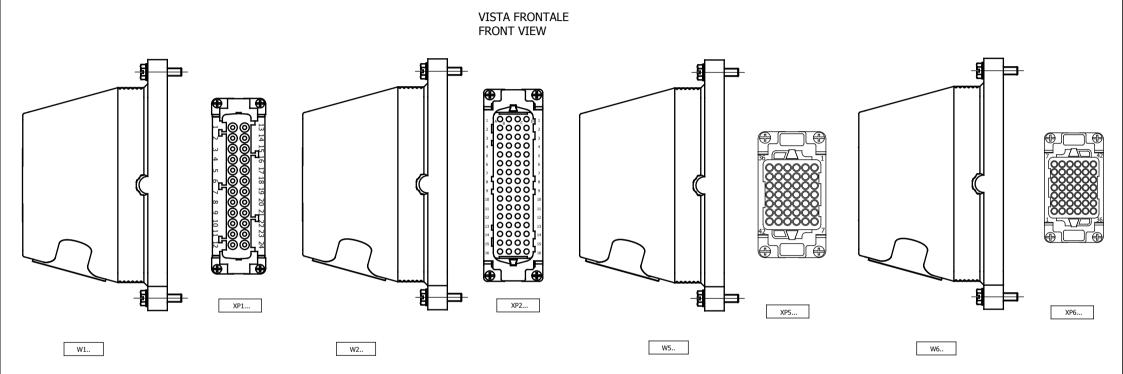
CABLAGGIO DELLE FILERIE E DELLA MESSA A TERRA DEL CAVO CON CAPOCORDA ISOLATO AD OCCHIELLO CON FORO PER VITI DA M6.

WIRES AND GROUNDING CABLE TERMINALS INSULATED RING WITH HOLE SCREWS M6.

Technology Ltd CONNESSIONI ESTERNE EXTERNAL CONNECTIONS 07/12/2017 ESPOSITO GRANATA

0 1 2 3 4 5 6 7 8 9

CONNETTORI MULTIPOLARI PER LA CONNESSIONE DELL'ARMADIO AI COMANDI: INTERRUTTORE E SEZIONATORE MULTIPOLAR PLUGS FOR CONNECTIONS BETWEEN LCC TO CB AND DS/ES DRIVES BOXES



NOTE: NOTES:

SIGLE CAVI E CONNETTORI COME DA SCHEMA ELETTRICO FUNZIONALE. FOR CABLES AND CABLE GLANDS LABELS IN ACCORDANCE TO ELECTRIC SCHEMATIC.

PRESSACAVI IN OTTONE NICHELATO. BRASS NICKEL-PLATED CABLE GLANDS.

SOURCE SO

9 SOMMARIO MORSETTIERE TERMINAL-STRIP OVERVIEW **MORSETTIERA** TESTO FUNZIONALE PAGINA DELLO SCHEMA MORSETTI TERMINAL STRIP **FUNCTION TEXT** TERMINAL DIAGRAM PAGE MORSETTIERA CLIENTE =S1+152-X1=S1+152/38 **CUSTOMER TERMINAL STRIP** MORSETTIERA DI APPOGGIO =S1+152-X2 =S1+152/39 INTERNAL TERMINAL STRIP MORSETTIERA CLIENTE =S1+152-X3 =S1+152/40CUSTOMER TERMINAL STRIP MORSETTIERA DI APPOGGIO =S1+152-X4 =S1+152/41 INTERNAL TERMINAL STRIP MORSETTIERA CLIENTE =S1+189/66 =S1+189-X1CUSTOMER TERMINAL STRIP MORSETTIERA DI APPOGGIO =S1+189-X2 =S1+189/67 INTERNAL TERMINAL STRIP =S1+189-X4 =S1+189/68 MORSETTIERA CLIENTE =S1+189L/91 =S1+189L-X1 **CUSTOMER TERMINAL STRIP** MORSETTIERA DI APPOGGIO =S1+189L-X2 =S1+189L/92 INTERNAL TERMINAL STRIP =S1+189L-X4 =S1+189L/93 MORSETTIERA CLIENTE =S1+COM-X1 =S1+COM/446 **CUSTOMER TERMINAL STRIP** =S1+COM-X1.1 =S1+COM/447 MORSETTIERA DI APPOGGIO =S1+COM-X2 =S1+COM/448 INTERNAL TERMINAL STRIP =S1+COM-X2.1 =S1+COM/449 MORSETTIERA CLIENTE =S1+CT/502 =S1+CT-X1 CUSTOMER TERMINAL STRIP =S1+CT-X1.1 =S1+CT/503 =S1+CT-X2 =S1+CT/504 =S1+SM-X1 =S1+SM/553 MORSETTIERA CLIENTE 6.a CUSTOMER TERMINAL STRIP

MODIFICA DATA NOME MODIFICATION DATE NAME

MODIFICA DATA

Technology Ltd TERMINAL-STRIP OVERVIEW

07/12/2017 ESPOSITO

GRANATA

SOMMARIO MORSETTIERE

8 9 SOMMARIO DEI CAVI **CABLE OVERVIEW** DESIGNAZIONE DEI CAVI TIPO CAVO **CONDUTTORI** LUNGHEZZA TESTO FUNZIONALE Ø CABLE DESIGNATION CABLE TYPE **CONDUCTORS LENGHT FUNCTION TEXT** COMANDO INTERRUTTORE =S1+152-W1 FG70H2M1 24 1,5 4,9 m CIRCUIT BREAKER DRIVE =S1+152-W2 FG70H2M1 40 1,5 4,9 m **ENCODER** =S1+152-W3 UNITRONIC® LIYCY 8 4,9 m 0,14 **ENCODER** COMANDO SEZIONATORE 40 =S1+189-W5 FG70H2M1 1,5 5,9 m DISCONNECTOR COMMAND FG70H2M1 40 =S1+189-W6 1,5 5,9 m 40 =S1+189L-W5 FG70H2M1 1,5 6,2 m 40 =S1+189L-W6 FG70H2M1 1,5 6,2 m MANODENSOSTATO 7 =S1+COM-W1R.A FG70H2M1 1,5 5 m PRESSURE GAUGE =S1+COM-W1R.B FG70H2M1 7 1,5 6,5 m =S1+COM-W1R.C FG70H2M1 7 1,5 6,2 m 7 =S1+COM-W1S.A FG70H2M1 1,5 4,5 m 7 =S1+COM-W1S.B FG70H2M1 1,5 5,9 m 7 =S1+COM-W1S.C FG7OH2M1 1,5 5,6 m = 7 =S1+COM-W1T.A FG70H2M1 1,5 5 m 7 FG70H2M1 =S1+COM-W1T.B 1,5 6,5 m 7 =S1+COM-W1T.C FG70H2M1 1,5 6,2 m =S1+COM-W2R.A FR3OH2R3 4 0.5 5 m SENSORE DI PRESSIONE COMPARTO 'D' =S1+COM-W2R.B FR20H2R 4 0.5 6,5 m =S1+COM-W2R.C FR20H2R 4 0.5 6,2 m =S1+COM-W2S.A 4 FR20H2R 0.5 4,5 m 4 0.5 =S1+COM-W2S.B FR20H2R 5,9 m =S1+COM-W2S.C FR20H2R 4 0.5 5,6 m 4 =S1+COM-W2T.A FR20H2R 0.5 5 m 610.a 600 07/12/2017 SOMMARIO DEI CAVI ESPOSITO Technology Ltd CABLE OVERVIEW GRANATA 2GJA419652R034 MODIFICA MODIFICATION 159

### SOMMARIO DEI CAVI CABLE OVERVIEW

DESIGNAZIONE DEI CAVI CABLE DESIGNATION	TIPO CAVO CABLE TYPE	CONDUTTORI CONDUCTORS	ø	LUNGHEZZA LENGHT	TESTO FUNZIONALE FUNCTION TEXT
=S1+COM-W2T.B	FR20H2R	4	0.5	6,5 m	SENSORE DI PRESSIONE COMPARTO 'D'
=S1+COM-W2T.C	FR20H2R	4	0.5	6,2 m	=
=S1+CT-W1.R	FG7OH2M1	6	4	6 m	TRASFORMATORE AMPEROMETRICO CURRENT TRANSFORMER
=S1+CT-W1.S	FG7OH2M1	6	4	5,5 m	=
=S1+CT-W1.T	FG7OH2M1	6	4	6 m	=
=S1+CT-W2.R	FG7OH2M1	6	4	5,6 m	=
=S1+CT-W2.S	FG7OH2M1	6	4	5 m	=
=S1+CT-W2.T	FG7OH2M1	6	4	5,6 m	=
=S1+SM-W1				3 m	

Technology Ltd SOMMARIO DEI CAVI CABLE OVERVIEW 07/12/2017 ESPOSITO GRANATA ESPOSITO 25/01/2018



### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG POSIZIONAMENTO PLACEMENT	TESTO FUNZIONALE FUNCTION TEXT		PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNATION  DESIGNATION
=S1+152-152-BW-1.1 =S1+152/37.5	FINECORSA SU TAMBURO MOLLA DI CHIUSURA DRUM LIMIT SWITCH CLOSING SPRING	1	ELMEX	2GJA404360P02	FINECORSA SU TAMBURO MOLLA DI CHIUSURA DRUM LIMIT SWITCH CLOSING SPRING
=S1+152-152-BW-1.2 =S1+152/37.5	=	1	ELMEX	2GJA404360P01	FINECORSA SU TAMBURO MOLLA DI CHIUSURA DRUM LIMIT SWITCH CLOSING SPRING
=S1+152-152-BW-2.1 =S1+152/37.5	BW-2.1 FINECORSA SU ALBERO MOLLA DI CHIUSURA SHAFT LIMIT SWITCH CLOSING SPRING		ELMEX	2GJA404361P02	FINECORSA SU ALBERO MOLLA DI CHIUSURA SHAFT LIMIT SWITCH CLOSING SPRING
=S1+152-152-BW-2.2 =S1+152/37.6	=	1	ELMEX	2GJA404361P02	FINECORSA SU ALBERO MOLLA DI CHIUSURA SHAFT LIMIT SWITCH CLOSING SPRING
=S1+152-152-M1 =S1+152/37.0	MOTORE CARICA MOLLA SPRING CHARGING MOTOR	1	ABB	1HSB534460	MOTORE CARICA MOLLA SPRING CHARGING MOTOR
=S1+152-152-R1 =S1+152/37.7	RESISTENZA ANTICONDENSA ANTICONDENSATE RESISTANCE	1	SIR	SRH25/68	RESISTENZA 25W 68Ω 25W 68Ω RESISTOR
=S1+152-152-R2 =S1+152/37.8	RESISTENZA DI RISCALDAMENTO HEATER RESISTANCE	1	SIR	SRH50/33	RESISTENZA 50W 33Ω 50W 33Ω RESISTOR
=S1+152-152-S1 =S1+152/14.8	CONTATTI AUSILIARI INTERRUTTORE CIRCUIT BREAKER AUXILIARY CONTACTS	1	BREMAS / RUHETAL	1HJB5352184-1	CONTATTI AUSILIARI INTERRUTTORE CIRCUIT BREAKER AUXILIARY CONTACTS
=S1+152-152-S4 =S1+152/37.6	FINECORSA COPERCHIO COMANDO DRIVE COVER LIMIT SWITCH	1	ABB	2GJA402352P01	MICROINTERRUTTORE MICROSWITCH
=S1+152-152-XP1 =S1+152/37.5	COMANDO INTERRUTTORE CIRCUIT BREAKER DRIVE	1	HARTING/ILME	2GJA309360_M	CONNETTORE 24 POLI MASCHIO COMPLETO (IP68) 24 POLES MALE CONNECTORS COMPLETE (IP68)
=S1+152-152-XP2 =S1+152/37.6	=	1	HARTING/ILME	2GJA309361_M	CONNETTORE 64 POLI MASCHIO COMPLETO (IP68) 64 POLES MALE CONNECTORS COMPLETE (IP68)
=S1+152-152-Y1 -S1+152/37.1	1° BOBINA DI APERTURA 1° OPENING COIL	1	ABB	LA 516771-AL	BOBINA COIL
=S1+152-152-Y2 =S1+152/37.2	2° BOBINA DI APERTURA 2° OPENING COIL	1	ABB	LA 516771-AL	BOBINA COIL
=S1+152-152-Y4 -S1+152/37.4	BOBINA DI CHIUSURA CLOSING COIL	1	ABB	LA 516771-AL	BOBINA COIL
=S1+152-H1 =S1+152/31.7		1	ABB	1SFA619402R1000-CL100R	LAMPADA ROSSA SPIA MONOBLOCCO CON LED INTEGRATO RED PILOT LIGHT WITH INTEGRATED LED
=S1+152-K4 -S1+152/14.5	ANTIPOMPAGGIO ANTIPUMPING	1	AMRA	RCMZ18/T	RELE' AUSILIARIO 2 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 2 CONTACTS EXCHANGE
-S1+152-K4 -S1+152/14.5	=	1	AMRA	PRDC081	BASETTA PER RELE' BASE FOR RELAYS
=S1+152-K6 =S1+152/12.7	INTERBLOCCO MOLLA SCARICA SPRING DISCHARGE INTERLOCK	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE

=S1+152/14.8		CIRCUIT BREAKER AUXILIARY CON	TACTS				CIRCUIT BREAKER AUXILIARY CONTACTS
=S1+152-152-S4 =S1+152/37.6	4	FINECORSA COPERCHIO COMANDO DRIVE COVER LIMIT SWITCH	)	1	ABB	2GJA402352P01	MICROINTERRUTTORE MICROSWITCH
=S1+152-152-XI =S1+152/37.5	P1	COMANDO INTERRUTTORE CIRCUIT BREAKER DRIVE		1	HARTING/ILME	2GJA309360_M	CONNETTORE 24 POLI MASCHIO COMPLETO (IP68) 24 POLES MALE CONNECTORS COMPLETE (IP68)
=S1+152-152-XI =S1+152/37.6	P2	=		1	HARTING/ILME	2GJA309361_M	CONNETTORE 64 POLI MASCHIO COMPLETO (IP68) 64 POLES MALE CONNECTORS COMPLETE (IP68)
=S1+152-152-Y	1	1° BOBINA DI APERTURA 1° OPENING COIL		1	ABB	LA 516771-AL	BOBINA COIL
=S1+152-152-Y2 =S1+152/37.2	2	2° BOBINA DI APERTURA 2° OPENING COIL		1	ABB	LA 516771-AL	BOBINA COIL
=S1+152-152-Y4 =S1+152/37.4	<b>'</b> 4	BOBINA DI CHIUSURA CLOSING COIL		1	ABB	LA 516771-AL	BOBINA COIL
=S1+152-H1 =S1+152/31.7				1	ABB	1SFA619402R1000-CL100R	LAMPADA ROSSA SPIA MONOBLOCCO CON LED INTEGRATO RED PILOT LIGHT WITH INTEGRATED LED
=S1+152-K4 =S1+152/14.5		ANTIPOMPAGGIO ANTIPUMPING		1	AMRA	RCMZ18/T	RELE' AUSILIARIO 2 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 2 CONTACTS EXCHANGE
=S1+152-K4 =S1+152/14.5		=		1	AMRA	PRDC081	BASETTA PER RELE' BASE FOR RELAYS
=S1+152-K6 =S1+152/12.7		INTERBLOCCO MOLLA SCARICA SPRING DISCHARGE INTERLOCK		1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG	TESTO FUNZIONALE FUNCTION TEXT	QUANTITY	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
OSIZIONAMENTO LACEMENT		Q.TA' QU			
=S1+152-K6 -S1+152/12.7	INTERBLOCCO MOLLA SCARICA SPRING DISCHARGE INTERLOCK	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
-S1+152-K12 -S1+152/12.6	SOVRACCARICA MOLLA OVERCHARGED SPRING	1	AMRA	RCME12/T	RELE' AUSILIARIO 2 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 2 CONTACTS EXCHANGE
S1+152-K12 S1+152/12.6	=	1	AMRA	PRDC081	BASETTA PER RELE' BASE FOR RELAYS
-S1+152-K152A S1+152/31.4	CHIUSURA LINEE LINES CLOSING	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
-S1+152-K152A S1+152/31.4	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+152-K152B :S1+152/31.6	=	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+152-K152B -S1+152/31.6	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+152-KDPX -S1+152/12.2	PROLUNGATO FUNZ. MOTORE INT. EXCESSIVE MOTOR RUNNING CB	1	AMRA	RDTS21XE/T	RELE' TEMPORIZZATO 4 CONTATTI IN SCAMBIO TROPICALIZZATO DELAYED RELAY 4 CONTACTS EXCHANGE TROPIC.
=S1+152-KDPX =S1+152/12.2	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+152-KM =S1+152/12.3	CONTATTORE MOTORE CARICA MOLLA SPRING CHARGING MOTOR CONTACTOR	1	AMRA	RGMZ73X/T	CONTATTORE 4 CONTATTI IN SCAMBIO TROP. CONTACTOR 4 CONTACTS EXCHANGE TROP.
=S1+152-KM =S1+152/12.3	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+152-KN -S1+152/14.8	CONTAMANOVRE COUNTER	1	KUBLER	BK14.10	CONTAMANOVRE A 4 CIFRE COUNTER 4 DIGITS
=S1+152-Ppl -S1+152/31.2	PROVALAMPADE TEST LAMP	2	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+152-Ppl =S1+152/31.2	=	1	ABB	1SFA611100R1006	TASTO A FILO NERO BLACK FLUSH BUTTON
=S1+152-Ppl =S1+152/31.2	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+152-Q1 -S1+152/10.4		1	ABB	ABB.1SAM151000R1009_MS225-6.3	MS225-6,3 INTERRUTTORE SALVAMOTORE MS225-6,3 MANUAL MOTOR STARTER
=S1+152-Q1 -S1+152/10.4		1	ABB	EP 842 7	CONTATTI AUSILIARI SALVAMOTORE 1NA+1NC CIRCUIT BREAKER AUXILIARY CONTACTS 1NO+1NC
=S1+152-SR =S1+152/12.2	RESET PROLUNGATO FUNZIONAMENTO MOTORE RESET OVER TIME MOTOR FUNCTION	1	ABB	1SFA611610R1010	CONTATTO NC PULSANTE NC CONTACT PUSH BUTTON

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# DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG POSIZIONAMENTO	TESTO FUNZIONALE FUNCTION TEXT	QUANTITY O.TA'	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
PLACEMENT =S1+152-SR =S1+152/12.2	RESET PROLUNGATO FUNZIONAMENTO MOTORE RESET OVER TIME MOTOR FUNCTION	QU 1	ABB	1SFA611100R1004	TASTO A FILO BLU BLUE FLUSH BUTTON
=S1+152-SR =S1+152/12.2	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+152-SY1 =S1+152/16.1	APERTURA IN LOCALE OPENING IN LOCAL	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+152-SY1 =S1+152/16.1	=	1	ABB	1SFA611100R1102	TASTO A FILO LUMINOSO VERDE GREEN LIGHT FLUSH BUTTON
=S1+152-SY1 =S1+152/16.1	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+152-SY1 =S1+152/16.1	=	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
=S1+152-SY1 =S1+152/16.1	=	1	ABB	KA2	LED LED BULBS
=S1+152-SY2 =S1+152/19.2	=	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+152-SY2 =S1+152/19.2	=	1	ABB	1SFA611100R1102	TASTO A FILO LUMINOSO VERDE GREEN LIGHT FLUSH BUTTON
=S1+152-SY2 =S1+152/19.2	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+152-SY2 =S1+152/19.2	=	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
=S1+152-SY2 =S1+152/19.2	=	1	ABB	KA2	LED LED BULBS
=S1+152-SY4 =S1+152/14.1	CHIUSURA IN LOCALE CLOSING IN LOCAL	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+152-SY4 =S1+152/14.1	=	1	ABB	1SFA611100R1101	TASTO A FILO LUMINOSO ROSSO RED LIGHT FLUSH BUTTON
=S1+152-SY4 =S1+152/14.1	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+152-SY4 =S1+152/14.1	=	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
=S1+152-SY4 =S1+152/14.1	=	1	ABB	KA2	LED LED BULBS
=S1+152-TA =S1+152/10.4		1	TELEMA	2GJA408193P02	TRASFORMATORE TA2HALL TA2HALL TRANSFORMER

	: :: :HIUSURA IN LOCALE :LOSING IN LOCAL	1 1 1 1	ABB ABB ABB	1SFA611605R1100 1SFA611620R1001 KA2 1SFA611610R1001	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS  PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS  LED LED BULBS  CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+152/19.2 = =S1+152-SY2 = =S1+152/19.2 = =S1+152-SY4	: CHIUSURA IN LOCALE CLOSING IN LOCAL	1 1 1	ABB	KA2	LAMP OR LED BLOCKS  LED LED BULBS  CONTATTO NA PULSANTE
=S1+152/19.2 = =S1+152-SY4	CHIUSURA IN LOCALE CLOSING IN LOCAL	1 1			LED BULBS  CONTATTO NA PULSANTE
=S1+152/14.1 CC =S1+152-SY4 =S1+152/14.1 = =S1+152-SY4 =	CLOSING IN LOCAL	1	ABB	1SFA611610R1001	
=S1+152/14.1 = =S1+152-SY4 =	•	1			NO CONTACT TOSH BOTTON
' '			ABB	1SFA611100R1101	TASTO A FILO LUMINOSO ROSSO RED LIGHT FLUSH BUTTON
-51 ( 152/1 1.1		1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+152-SY4 =S1+152/14.1	•	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
=S1+152-SY4 =S1+152/14.1	-	1	ABB	KA2	LED LED BULBS
=S1+152-TA =S1+152/10.4		1	TELEMA	2GJA408193P02	TRASFORMATORE TA2HALL TA2HALL TRANSFORMER

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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG	TESTO FUNZIONALE FUNCTION TEXT	QUANTITA QUANTITY	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
POSIZIONAMENTO PLACEMENT		Q.TA' QU			
=S1+152-W1 =S1+152/16.6	COMANDO INTERRUTTORE CIRCUIT BREAKER DRIVE	1 4,9 m	INTERTEAM	2GJA315874P03	CAVO 24x1,5mm² FG70H2M1 PRIVO DI ALOGENI 24x1,5mm² CABLE FG70H2M1 HALOGEN FREE
=S1+152-W2 =S1+152/16.8	=	1 4,9 m	INTERTEAM	2GJA315874P04	CAVO 40x1,5mm² FG70H2M1 PRIVO DI ALOGENI 40x1,5mm² CABLE FG70H2M1 HALOGEN FREE
=S1+152-W3 =S1+SM/552.7	ENCODER ENCODER	1 4,9 m	LAPP	LAPP.0034308	UNITRONIC LIYCY 8x0,14 UNITRONIC LIYCY 8x0,14
=S1+152-X1		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+152-X1		10	ENTRELEC	1SNA115118R1100	MORSETTO PASSANTE A VITE 6 mm² FEED-THROUGH SCREW TERMINAL BLOCK 6 mm²
=S1+152-X1		5	ENTRELEC	EN011870703	SEPARATORE SEPARATOR
=S1+152-X1		86	ENTRELEC	1SNA115116R0700	MORSETTO PASSANTE A VITE 4 mm <sup>2</sup> FEED-THROUGH SCREW TERMINAL BLOCK 4 mm <sup>2</sup>
=S1+152-X1		4	ENTRELEC	1SNA115660R0400	M4/6.SN MORS. SEZ. A COLTELLINO 4 mm <sup>2</sup> M4/6.SN 4 mm <sup>2</sup> DISC. T.BLOCK WITH DISC. LINK
=S1+152-X2		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+152-X2		20	ENTRELEC	1SNA290161R0000	MORSETTO A MOLLA DOPPIO LIVELLO 2,5 mm <sup>2</sup> 2,5 mm <sup>2</sup> SPRING DOUBLE-DECK TERMINAL BLOCK
=S1+152-X3		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+152-X3		4	ENTRELEC	1SNA115116R0700	MORSETTO PASSANTE A VITE 4 mm² FEED-THROUGH SCREW TERMINAL BLOCK 4 mm²
=S1+152-X4		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+152-X4		8	ENTRELEC	1SNA115435R0700	M4/6.SB MORSETTO PASSANTE PER DIODO M4/6.SB TERMINAL BLOCK DIODE HOLDERS
=S1+152-X4		8	ENTRELEC	GP-02-30	DIODO 3000V 0,25A DIODE 3000V 0,25A
=S1+152-X4		8	ENTRELEC	1SNA116854R1400	BNSV62 SPINA PORTADIODO BNSV62 PLUG DIODE HOLDER
=S1+152-X4A		2	ENTRELEC	EN011518505	M4/6.DE MORSETTO DOPPIO CON RESISTENZA M4/6.DE DOUBLE TERMINAL STRIP RESISTOR
=S1+152-X4A =S1+152/17.1		1	SIR	SRH2/47000	RESISTENZA 2W 47KΩ RESISTOR 2W 47KΩ

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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG	TESTO FUNZIONALE FUNCTION TEXT	QUANTITA QUANTITY	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
POSIZIONAMENTO PLACEMENT		Q.TA' QU			
=S1+152-XP1 =S1+152/37.3	ARMADIO DI COMANDO CONTROL CABINET	1	HARTING/ILME	2GJA409921R01_F	CONNETTORE 24 POLI FEMMINA COMPLETO (IP68) 24 POLES FEMALE CONNECTORS COMPLETE (IP68)
=S1+152-XP2 =S1+152/37.4	=	1	HARTING/ILME	2GJA409922R09_F	CONNETTORE 64 POLI FEMMINA COMPLETO (IP68) 64 POLES FEMALE CONNECTORS COMPLETE (IP68)
=\$1+189-189 =\$1+189/64.0	CAMMA DI COMANDO OPERATING CAM	1	ABB	UA311856 CAMS	PACCO AUSILIARIO 32 CAMME 32 CAMS AUXILIARY PACK
=S1+189-189-KL1 =S1+189/64.4	ELETTROMAGNETE MANOVRA MANUALE MANUAL OPERATION COIL	1	MAG	T41	ELETTROMAGNETE MANOVRA MANUALE MANUAL OPERATION COIL
=S1+189-189-M1 =S1+189/64.0	MOTORE SEZIONATORE DISCONNECTOR MOTOR	1	ARDUINI	2GJA412285	MOTORE CON FRENO MOTOR WITH BRAKE
=\$1+189-189-R1 =\$1+189/64.6	RESISTENZA ANTICONDENSA ANTICONDENSATE RESISTANCE	1	SIR	SRH10/12	RESISTENZA 10W 12 $\Omega$ 10W 12 $\Omega$ RESISTOR
=S1+189-189-R1-M =S1+189/64.7	=	1	SIR	SRH10/12	RESISTENZA 10W 12 $\Omega$ 10W 12 $\Omega$ RESISTOR
=S1+189-189-R2 =S1+189/64.8	RESISTENZA DI RISCALDAMENTO HEATER RESISTANCE	1	SIR	SRH25/10	RESISTENZA 25W $10\Omega$ 25W $10\Omega$ RESISTOR
=S1+189-189-S4 =S1+189/64.3	FINECORSA COPERCHIO COVER LIMIT SWITCH	1	ABB	UA 413393	FINECORSA COPERCHIO COVER LIMIT SWITCH
=S1+189-189-XP5 =S1+189/64.5	COMANDO SEZIONATORE DISCONNECTOR COMMAND	1	HARTING/ILME	2GJA309365_M	CONNETTORE 42 POLI MASCHIO COMPLETO (IP68) 42 POLES MALE CONNECTORS COMPLETE (IP68)
=S1+189-189-XP6 =S1+189/64.6	=	1	HARTING/ILME	2GJA309365_M	CONNETTORE 42 POLI MASCHIO COMPLETO (IP68) 42 POLES MALE CONNECTORS COMPLETE (IP68)
=S1+189-K1 =S1+189/51.2	CIRCUITO MOTORE ALIMENTATO MOTOR CIRCUIT SUPPLIED	1	AMRA	RCME12/T	RELE' AUSILIARIO 2 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 2 CONTACTS EXCHANGE
=S1+189-K1 =S1+189/51.2	=	1	AMRA	PRDC081	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-K189A =S1+189/62.3	CHIUSURA LINEE LINES CLOSING	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+189-K189A =S1+189/62.3	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-K189B -S1+189/62.7	=	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+189-K189B -S1+189/62.7	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-KC =S1+189/52.4	CHIUSURA LINEA LINE CLOSING	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE

LINE CLOSING AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE =S1+189/52.4 620.e < 620.c

07/12/2017 ESPOSITO GRANATA 25/01/2018 ESPOSITO 05/02/2018 ESPOSITO MODIFICA DATA



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## DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG	TESTO FUNZIONALE FUNCTION TEXT	QUANTITA	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
POSIZIONAMENTO PLACEMENT		Q.TA' QU			DESIGNATION
=S1+189-KC =S1+189/52.4	CHIUSURA LINEA LINE CLOSING	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-KCE =S1+189/52.6	CHIUSURA TERRA EARTH CLOSING	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+189-KCE =S1+189/52.6	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-KO =S1+189/52.7	APERTURA SEZIONATORE OPENING DISCONNECTOR	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+189-KO =S1+189/52.7	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-KRA =S1+189/53.6	ROTAZIONE SEZIONATORE DISCONNECTOR ROTATION	1	AMRA	RGMS17X/T	CONTATTORE 4 CONTATTI NA TROP. CONTACTOR TROP. 4 CONTACTS NO
=S1+189-KRA =S1+189/53.6	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-KRA1 =S1+189/53.4	=	1	AMRA	TRIPOK P2	RELE' AUSILIARIO 6 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY 6 CONTACT EXCHANGE
=S1+189-KRA1 =S1+189/53.4	=	1	AMRA	ADF3	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-KRO =S1+189/53.2	=	1	AMRA	RGMS17X/T	CONTATTORE 4 CONTATTI NA TROP. CONTACTOR TROP. 4 CONTACTS NO
=S1+189-KRO =S1+189/53.2	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-KRO1 =S1+189/53.1	=	1	AMRA	TRIPOK P2	RELE' AUSILIARIO 6 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY 6 CONTACT EXCHANGE
=S1+189-KRO1 =S1+189/53.1	=	1	AMRA	ADF3	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-Q1 =S1+189/51.4		1	ABB	ABB.1SAM151000R1009_MS225-6.3	MS225-6,3 INTERRUTTORE SALVAMOTORE MS225-6,3 MANUAL MOTOR STARTER
=S1+189-Q1 =S1+189/51.4		1	ABB	EP 842 7	CONTATTI AUSILIARI SALVAMOTORE 1NA+1NC CIRCUIT BREAKER AUXILIARY CONTACTS 1NO+1NC
=S1+189-SC =S1+189/52.4	CHIUSURA LINEA IN LOCALE LINE CLOSING IN LOCAL	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+189-SC =S1+189/52.4	=	1	ABB	1SFA611100R1101	TASTO A FILO LUMINOSO ROSSO RED LIGHT FLUSH BUTTON
=S1+189-SC =S1+189/52.4	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS

=S1+189/53.4	=	<u> </u>	 				BASE FOR RELAYS
=S1+189-KRO =S1+189/53.2	=	=		1	AMRA	RGMS17X/T	CONTACTOR 4 CONTACTS NO
=S1+189-KRO =S1+189/53.2	=	=		1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-KRO1 =S1+189/53.1	=	=		1	AMRA	TRIPOK P2	RELE' AUSILIARIO 6 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY 6 CONTACT EXCHANGE
=S1+189-KRO1 =S1+189/53.1	=	=		1	AMRA	ADF3	BASETTA PER RELE' BASE FOR RELAYS
=S1+189-Q1 =S1+189/51.4				1	ABB	ABB.1SAM151000R1009_MS225-6.3	MS225-6,3 INTERRUTTORE SALVAMOTORE MS225-6,3 MANUAL MOTOR STARTER
=S1+189-Q1 =S1+189/51.4				1	ABB	EP 842 7	CONTATTI AUSILIARI SALVAMOTORE 1NA+1NC CIRCUIT BREAKER AUXILIARY CONTACTS 1NO+1NC
=S1+189-SC =S1+189/52.4		CHIUSURA LINEA IN L INE CLOSING IN LOC		1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+189-SC =S1+189/52.4	=	=		1	ABB	1SFA611100R1101	TASTO A FILO LUMINOSO ROSSO RED LIGHT FLUSH BUTTON
=S1+189-SC =S1+189/52.4	=	=		1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS

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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG	TESTO FUNZIONALE FUNCTION TEXT		PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
POSIZIONAMENTO PLACEMENT		Q.TA' QU			
=S1+189-SC =S1+189/52.4	CHIUSURA LINEA IN LOCALE LINE CLOSING IN LOCAL	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
=S1+189-SC =S1+189/52.4	=	1	ABB	KA2	LED LED BULBS
=S1+189-SCE =S1+189/52.5	CHIUSURA TERRA IN LOCALE EARTH CLOSING IN LOCAL	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+189-SCE =S1+189/52.5	II	1	ABB	1SFA611100R1101	TASTO A FILO LUMINOSO ROSSO RED LIGHT FLUSH BUTTON
=S1+189-SCE =S1+189/52.5	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+189-SCE =S1+189/52.5	=	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
=S1+189-SCE =S1+189/52.5	=	1	ABB	KA2	LED LED BULBS
=S1+189-SO =S1+189/52.7	APERTURA IN LOCALE OPENING IN LOCAL	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+189-SO =S1+189/52.7	=	1	ABB	1SFA611100R1102	TASTO A FILO LUMINOSO VERDE GREEN LIGHT FLUSH BUTTON
=S1+189-SO =S1+189/52.7	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+189-SO =S1+189/52.7	П	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
=S1+189-SO =S1+189/52.7	=	1	ABB	KA2	LED LED BULBS
=S1+189-W5 =S1+189/58.0	COMANDO SEZIONATORE DISCONNECTOR COMMAND	1 5,9 m	INTERTEAM	2GJA315874P04	CAVO 40x1,5mm² FG7OH2M1 PRIVO DI ALOGENI 40x1,5mm² CABLE FG7OH2M1 HALOGEN FREE
=S1+189-W6 =S1+189/58.1	=	1 5,9 m	INTERTEAM	2GJA315874P04	CAVO 40x1,5mm² FG7OH2M1 PRIVO DI ALOGENI 40x1,5mm² CABLE FG7OH2M1 HALOGEN FREE
=S1+189-X1		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+189-X1		6	ENTRELEC	1SNA115118R1100	MORSETTO PASSANTE A VITE 6 mm² FEED-THROUGH SCREW TERMINAL BLOCK 6 mm²
=S1+189-X1		2	ENTRELEC	EN011870703	SEPARATORE SEPARATOR
=S1+189-X1		92	ENTRELEC	1SNA115116R0700	MORSETTO PASSANTE A VITE 4 mm² FEED-THROUGH SCREW TERMINAL BLOCK 4 mm²

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SIGLA ELEMENTO FUNZIONALE DEVICE TAG	TESTO FUNZIONALE FUNCTION TEXT		PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
POSIZIONAMENTO PLACEMENT		Q.TA' QU			
=S1+189-X2		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+189-X2		18	ENTRELEC	1SNA290161R0000	MORSETTO A MOLLA DOPPIO LIVELLO 2,5 mm² 2,5 mm² SPRING DOUBLE-DECK TERMINAL BLOCK
=S1+189-X4		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+189-X4		8	ENTRELEC	1SNA115435R0700	M4/6.SB MORSETTO PASSANTE PER DIODO M4/6.SB TERMINAL BLOCK DIODE HOLDERS
=S1+189-X4		8	ENTRELEC	GP-02-30	DIODO 3000V 0,25A DIODE 3000V 0,25A
=S1+189-X4		8	ENTRELEC	1SNA116854R1400	BNSV62 SPINA PORTADIODO BNSV62 PLUG DIODE HOLDER
=S1+189-XP5 =S1+189/64.3	ARMADIO DI COMANDO CONTROL CABINET	1	HARTING/ILME	2GJA409925R17_F	CONNETTORE 42 POLI FEMMINA COMPLETO (IP68) 42 POLES FEMALE CONNECTORS COMPLETE (IP68)
=S1+189-XP6 =S1+189/64.4	=	1	HARTING/ILME	2GJA409925R17_F	CONNETTORE 42 POLI FEMMINA COMPLETO (IP68) 42 POLES FEMALE CONNECTORS COMPLETE (IP68)
=S1+189L-K1 =S1+189L/76.2	CIRCUITO MOTORE ALIMENTATO MOTOR CIRCUIT SUPPLIED	1	AMRA	RCME12/T	RELE' AUSILIARIO 2 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 2 CONTACTS EXCHANGE
=S1+189L-K1 =S1+189L/76.2	=	1	AMRA	PRDC081	BASETTA PER RELE' BASE FOR RELAYS
=S1+189L-K189A =S1+189L/87.3	CHIUSURA LINEE LINES CLOSING	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+189L-K189A =S1+189L/87.3	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189L-K189B =S1+189L/87.7	=	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+189L-K189B =S1+189L/87.7	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189L-KC =S1+189L/77.4	CHIUSURA LINEA LINE CLOSING	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+189L-KC =S1+189L/77.4	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189L-KCE =S1+189L/77.6	CHIUSURA TERRA EARTH CLOSING	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+189L-KCE =S1+189L/77.6	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS

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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG	TESTO FUNZIONALE FUNCTION TEXT	QUANTITY	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
POSIZIONAMENTO PLACEMENT		Q.TA' QU			
=S1+189L-KO =S1+189L/77.7	APERTURA SEZIONATORE OPENING DISCONNECTOR	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+189L-KO =S1+189L/77.7	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189L-KRA =S1+189L/78.6	ROTAZIONE SEZIONATORE DISCONNECTOR ROTATION	1	AMRA	RGMS17X/T	CONTATTORE 4 CONTATTI NA TROP. CONTACTOR TROP. 4 CONTACTS NO
=S1+189L-KRA =S1+189L/78.6	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189L-KRA1 =S1+189L/78.4	=	1	AMRA	TRIPOK P2	RELE' AUSILIARIO 6 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY 6 CONTACT EXCHANGE
=S1+189L-KRA1 =S1+189L/78.4	=	1	AMRA	ADF3	BASETTA PER RELE' BASE FOR RELAYS
=S1+189L-KRO =S1+189L/78.2	=	1	AMRA	RGMS17X/T	CONTATTORE 4 CONTATTI NA TROP. CONTACTOR TROP. 4 CONTACTS NO
=S1+189L-KRO =S1+189L/78.2	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+189L-KRO1 =S1+189L/78.1	=	1	AMRA	TRIPOK P2	RELE' AUSILIARIO 6 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY 6 CONTACT EXCHANGE
=S1+189L-KRO1 =S1+189L/78.1	=	1	AMRA	ADF3	BASETTA PER RELE' BASE FOR RELAYS
=S1+189L-189L =S1+189L/89.0	CAMMA DI COMANDO OPERATING CAM	1	ABB	UA311856 CAMS	PACCO AUSILIARIO 32 CAMME 32 CAMS AUXILIARY PACK
=S1+189L-189L-KL1 =S1+189L/89.4	ELETTROMAGNETE MANOVRA MANUALE MANUAL OPERATION COIL	1	MAG	T41	ELETTROMAGNETE MANOVRA MANUALE MANUAL OPERATION COIL
=S1+189L-189L-KL1T =S1+189L/89.5	=	1	MAG	T41	ELETTROMAGNETE MANOVRA MANUALE MANUAL OPERATION COIL
=S1+189L-189L-M1 =S1+189L/89.0	MOTORE SEZIONATORE DISCONNECTOR MOTOR	1	ARDUINI	2GJA412285	MOTORE CON FRENO MOTOR WITH BRAKE
=S1+189L-189L-R1 =S1+189L/89.6	RESISTENZA ANTICONDENSA ANTICONDENSATE RESISTANCE	1	SIR	SRH10/12	RESISTENZA 10W 12 $\Omega$ 10W 12 $\Omega$ RESISTOR
=S1+189L-189L-R1-M =S1+189L/89.7	=	1	SIR	SRH10/12	RESISTENZA 10W 12 $\Omega$ 10W 12 $\Omega$ RESISTOR
=S1+189L-189L-R2 =S1+189L/89.8	RESISTENZA DI RISCALDAMENTO HEATER RESISTANCE	1	SIR	SRH25/10	RESISTENZA 25W $10\Omega$ 25W $10\Omega$ RESISTOR
=S1+189L-189L-S4 =S1+189L/89.3	FINECORSA COPERCHIO COVER LIMIT SWITCH	1	ABB	UA 413393	FINECORSA COPERCHIO COVER LIMIT SWITCH

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# DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG POSIZIONAMENTO	TESTO FUNZIONALE FUNCTION TEXT	QUANTITY	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
PLACEMENT O		Q.TA' QU			
=S1+189L-189L-XP5 =S1+189L/89.5	COMANDO SEZIONATORE DISCONNECTOR COMMAND	1	HARTING/ILME	2GJA309365_M	CONNETTORE 42 POLI MASCHIO COMPLETO (IP68) 42 POLES MALE CONNECTORS COMPLETE (IP68)
=S1+189L-189L-XP6 =S1+189L/89.6	=	1	HARTING/ILME	2GJA309365_M	CONNETTORE 42 POLI MASCHIO COMPLETO (IP68) 42 POLES MALE CONNECTORS COMPLETE (IP68)
=S1+189L-Q1 =S1+189L/76.4		1	ABB	ABB.1SAM151000R1009_MS225-6.3	MS225-6,3 INTERRUTTORE SALVAMOTORE MS225-6,3 MANUAL MOTOR STARTER
=S1+189L-Q1 =S1+189L/76.4		1	ABB	EP 842 7	CONTATTI AUSILIARI SALVAMOTORE 1NA+1NC CIRCUIT BREAKER AUXILIARY CONTACTS 1NO+1NC
=S1+189L-SC =S1+189L/77.4	CHIUSURA LINEA IN LOCALE LINE CLOSING IN LOCAL	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+189L-SC =S1+189L/77.4	=	1	ABB	1SFA611100R1101	TASTO A FILO LUMINOSO ROSSO RED LIGHT FLUSH BUTTON
=S1+189L-SC =S1+189L/77.4	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+189L-SC =S1+189L/77.4	=	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
=S1+189L-SC =S1+189L/77.4	=	1	ABB	KA2	LED LED BULBS
=S1+189L-SCE =S1+189L/77.6	CHIUSURA TERRA IN LOCALE EARTH CLOSING IN LOCAL	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+189L-SCE =S1+189L/77.6	=	1	ABB	1SFA611100R1101	TASTO A FILO LUMINOSO ROSSO RED LIGHT FLUSH BUTTON
=S1+189L-SCE =S1+189L/77.6	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+189L-SCE =S1+189L/77.6	=	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
=S1+189L-SCE =S1+189L/77.6	=	1	ABB	KA2	LED LED BULBS
=S1+189L-SO =S1+189L/77.7	APERTURA IN LOCALE OPENING IN LOCAL	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
=S1+189L-SO =S1+189L/77.7	=	1	ABB	1SFA611100R1102	TASTO A FILO LUMINOSO VERDE GREEN LIGHT FLUSH BUTTON
=S1+189L-SO =S1+189L/77.7	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
=S1+189L-SO =S1+189L/77.7	=	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS

					NO CONTACT PUSH BUTTON
S1+189L-SCE S1+189L/77.6	=	1	ABB	1SFA611100R1101	TASTO A FILO LUMINOSO ROSSO RED LIGHT FLUSH BUTTON
-S1+189L-SCE S1+189L/77.6	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
:S1+189L-SCE S1+189L/77.6	=	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS
:S1+189L-SCE S1+189L/77.6	=	1	ABB	KA2	LED LED BULBS
-S1+189L-SO S1+189L/77.7	APERTURA IN LOCALE OPENING IN LOCAL	1	ABB	1SFA611610R1001	CONTATTO NA PULSANTE NO CONTACT PUSH BUTTON
S1+189L-SO S1+189L/77.7	=	1	ABB	1SFA611100R1102	TASTO A FILO LUMINOSO VERDE GREEN LIGHT FLUSH BUTTON
S1+189L-SO S1+189L/77.7	=	1	ABB	1SFA611605R1100	SUPPORTO PER BLOCCO CONTATTI A TRE POSIZIONI HOLDERS FOR THREE POSITIONS
-S1+189L-SO S1+189L/77.7	=	1	ABB	1SFA611620R1001	PORTALAMPADA PER LED O LAMPADINA LAMP OR LED BLOCKS

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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG	TESTO FUNZIONALE FUNCTION TEXT	QUANTITY	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
POSIZIONAMENTO PLACEMENT		Q.TA' QU			
=S1+189L-SO =S1+189L/77.7	APERTURA IN LOCALE OPENING IN LOCAL	1	ABB	KA2	LED LED BULBS
=S1+189L-W5 =S1+189L/83.0	COMANDO SEZIONATORE DISCONNECTOR COMMAND	1 6,2 m	INTERTEAM	2GJA315874P04	CAVO 40x1,5mm² FG70H2M1 PRIVO DI ALOGENI 40x1,5mm² CABLE FG70H2M1 HALOGEN FREE
=S1+189L-W6 =S1+189L/83.1	=	1 6,2 m	INTERTEAM	2GJA315874P04	CAVO 40x1,5mm² FG70H2M1 PRIVO DI ALOGENI 40x1,5mm² CABLE FG70H2M1 HALOGEN FREE
=S1+189L-X1		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+189L-X1		6	ENTRELEC	1SNA115118R1100	MORSETTO PASSANTE A VITE 6 mm <sup>2</sup> FEED-THROUGH SCREW TERMINAL BLOCK 6 mm <sup>2</sup>
=S1+189L-X1		2	ENTRELEC	EN011870703	SEPARATORE SEPARATOR
=S1+189L-X1		94	ENTRELEC	1SNA115116R0700	MORSETTO PASSANTE A VITE 4 mm <sup>2</sup> FEED-THROUGH SCREW TERMINAL BLOCK 4 mm <sup>2</sup>
=S1+189L-X2		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+189L-X2		19	ENTRELEC	1SNA290161R0000	MORSETTO A MOLLA DOPPIO LIVELLO 2,5 mm² 2,5 mm² SPRING DOUBLE-DECK TERMINAL BLOCK
=S1+189L-X4		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+189L-X4		8	ENTRELEC	1SNA115435R0700	M4/6.SB MORSETTO PASSANTE PER DIODO M4/6.SB TERMINAL BLOCK DIODE HOLDERS
=S1+189L-X4		8	ENTRELEC	GP-02-30	DIODO 3000V 0,25A DIODE 3000V 0,25A
=S1+189L-X4		8	ENTRELEC	1SNA116854R1400	BNSV62 SPINA PORTADIODO BNSV62 PLUG DIODE HOLDER
=S1+189L-XP5 =S1+189L/89.3	ARMADIO DI COMANDO CONTROL CABINET	1	HARTING/ILME	2GJA409925R17_F	CONNETTORE 42 POLI FEMMINA COMPLETO (IP68) 42 POLES FEMALE CONNECTORS COMPLETE (IP68)
=S1+189L-XP6 =S1+189L/89.4	=	1	HARTING/ILME	2GJA409925R17_F	CONNETTORE 42 POLI FEMMINA COMPLETO (IP68) 42 POLES FEMALE CONNECTORS COMPLETE (IP68)
=S1+COM-B1 =S1+COM/435.7	CIRCUITO RISCALDAMENTO HEATING CIRCUIT	1	FINDER	7T.81.0000.2403	TERMOSTATO DA QUADRO PANEL THERMOSTAT
=S1+COM-F1 =S1+COM/435.1	CIRCUITO LUCE E PRESA INTERNO QUADRO LIGHT AND SOCKET CIRCUIT INTERNAL PANEL	1	ABB	ABB.2CDS252001R0064_S202-C6	S202 C6 INTERRUTTORE AUTOMATICO 2P/6A S202 C6 AUT. MINI CIRCUIT BREAKER 2P/6A
=S1+COM-F1 =S1+COM/435.1	=	1	ABB	ABB.2CSB202001R1250_DDA202 AC-25/0.03	DDA 202 AC 25A 30mA BLOCCO DIFFERENZIALE DDA 202 AC DIFFERETIAL BLOCK 25A 30mA

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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG POSIZIONAMENTO PLACEMENT	TESTO FUNZIONALE FUNCTION TEXT	QUANTITA QUANTITY Q.TA'	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
=S1+COM-F1 =S1+COM/435.1	CIRCUITO LUCE E PRESA INTERNO QUADRO LIGHT AND SOCKET CIRCUIT INTERNAL PANEL	1	ABB	ABB.2CDS200912R0001_S2C-H6R	CONTATTO AUSILIARIO IN SCAMBIO EXCHANGE AUXILIARY CONTACT
=S1+COM-F2 =S1+COM/435.4	CIRCUITO ANTICONDENSA E RISCALDAMENTO ANTICONDENSATE AND HEATING CIRCUIT	1	ABB	ABB.2CDS252001R0064_S202-C6	S202 C6 INTERRUTTORE AUTOMATICO 2P/6A S202 C6 AUT. MINI CIRCUIT BREAKER 2P/6A
=S1+COM-F2 =S1+COM/435.4	=	1	ABB	ABB.2CDS200912R0001_S2C-H6R	CONTATTO AUSILIARIO IN SCAMBIO EXCHANGE AUXILIARY CONTACT
=S1+COM-63GR.A =S1+COM/400.0	MANODENSOSTATO PRESSURE GAUGE	1	TRAFAG	2GJA314322	MANODENSOSTATO CON TRASDUTTORE DI PRESSIONE PRESSURE GAUGE WITH TRANSDUCER
=S1+COM-63GR.B =S1+COM/401.0	=	1		2GJA314323	
=S1+COM-63GR.C =S1+COM/402.0	=	1		2GJA314323	
=S1+COM-63GS.A =S1+COM/400.3	=	1	TRAFAG	2GJA314322	MANODENSOSTATO CON TRASDUTTORE DI PRESSIONE PRESSURE GAUGE WITH TRANSDUCER
=S1+COM-63GS.B =S1+COM/401.3	=	1		2GJA314323	
=S1+COM-63GS.C =S1+COM/402.3	=	1		2GJA314323	
=S1+COM-63GT.A =S1+COM/400.7	=	1	TRAFAG	2GJA314322	MANODENSOSTATO CON TRASDUTTORE DI PRESSIONE PRESSURE GAUGE WITH TRANSDUCER
=S1+COM-63GT.B =S1+COM/401.7	=	1		2GJA314323	
=S1+COM-63GT.C =S1+COM/402.7	=	1		2GJA314323	
=S1+COM-H1 =S1+COM/435.2	CIRCUITO LUCE E PRESA INTERNO QUADRO LIGHT AND SOCKET CIRCUIT INTERNAL PANEL	1	SOZZI/ALFAPLASTIC7RELCO	60W	LAMPADA 60W LAMP 60W
=S1+COM-K1 =S1+COM/436.8	CONTROLLO ANTICONDENSA ANTICONDENSATE CONTROL	1	AMRA	RCMZ17-B450/T	RELE' AMPEROMETRICO 0,45A TROPICALIZZATO TROPICALISED AMPEROMETRICAL RELAY 0,45A
=S1+COM-K1 =S1+COM/436.8	=	1	AMRA	PRDC081	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K1.A =S1+COM/300.1	CONTROLLO GAS GAS CONTROL	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+COM-K1.A -s1+COM/300.1	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K1.B =S1+COM/300.4	=	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE

=S1+COM-63GT.B =S1+COM/401.7	=	1		2GJA314323	
=S1+COM-63GT.C =S1+COM/402.7	=	1		2GJA314323	
=S1+COM-H1 =S1+COM/435.2	CIRCUITO LUCE E PRESA INTERNO QUADRO LIGHT AND SOCKET CIRCUIT INTERNAL PANEL	1	SOZZI/ALFAPLASTIC7RELCO	60W	LAMPADA 60W LAMP 60W
=S1+COM-K1 =S1+COM/436.8	CONTROLLO ANTICONDENSA ANTICONDENSATE CONTROL	1	AMRA	RCMZ17-B450/T	RELE' AMPEROMETRICO 0,45A TROPICALIZZATO TROPICALISED AMPEROMETRICAL RELAY 0,45A
=S1+COM-K1 =S1+COM/436.8	=	1	AMRA	PRDC081	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K1.A =S1+COM/300.1	CONTROLLO GAS GAS CONTROL	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+COM-K1.A =S1+COM/300.1	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K1.B =S1+COM/300.4	=	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE

25/01/2018 05/02/2018 ESPOSITO ESPOSITO 07/12/2017 ESPOSITO GRANATA MODIFICA DATA

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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG POSIZIONAMENTO	TESTO FUNZIONALE FUNCTION TEXT	QUANTITY	PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
PLACEMENT		Q.TA' QU			
=S1+COM-K1.B =S1+COM/300.4	CONTROLLO GAS GAS CONTROL	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K1.C =S1+COM/300.7	=	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+COM-K1.C =S1+COM/300.7	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K2 =S1+COM/436.9	CONTROLLO ANTICONDENSA ANTICONDENSATE CONTROL	1	AMRA	RCMZ17-B1.1/T	RELE' AMPEROMETRICO 1,1A TROPICALIZZATO TROPICALISED AMPEROMETRICAL RELAY 1,1A
=S1+COM-K2 =S1+COM/436.9	=	1	AMRA	PRDC081	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K2.A =S1+COM/310.1	CONTROLLO GAS GAS CONTROL	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+COM-K2.A =S1+COM/310.1	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K2.B =S1+COM/310.4	=	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+COM-K2.B =S1+COM/310.4	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K2.C =S1+COM/310.7	=	1	AMRA	RDMS12X/T	RELE' AUSILIARIO 4 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 4 CONTACTS EXCHANGE
=S1+COM-K2.C =S1+COM/310.7	=	1	AMRA	PERD161	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-K4 =S1+COM/435.7	CIRCUITO RISCALDAMENTO HEATING CIRCUIT	1	AMRA	RCME12/T	RELE' AUSILIARIO 2 CONTATTI IN SCAMBIO TROPICALIZZATO AUX. RELAY TROPIC. 2 CONTACTS EXCHANGE
=S1+COM-K4 =S1+COM/435.7	=	1	AMRA	PRDC081	BASETTA PER RELE' BASE FOR RELAYS
=S1+COM-R1 =S1+COM/436.8	CIRCUITO ANTICONDENSA ANTICONDENSATE CIRCUIT	1	NUOVA EFFE ELLE	NFL8294	RESISTENZA 200W 440 $\Omega$ 200W 440 $\Omega$ RESISTOR
=S1+COM-R2 =S1+COM/436.9	=	1	NUOVA EFFE ELLE	NFL9199	RESISTENZA 300W 200Ω 300W 200Ω RESISTOR
=S1+COM-S43 =S1+COM/445.0	SELETTORE MANUALE/LOCALE/REMOTO MANUAL/LOCAL/REMOTE SELECTOR SWITCH	1	KRAUS & NAIMER/COMELETRIC	CA10-14 PACCHI	SELETTORE A CHIAVE 3 POSIZIONI 14 PACCHI KEY SELECTOR SWITCH 3 POSITIONS 14 PACKS
=S1+COM-S50 =S1+COM/435.2	CIRCUITO LUCE E PRESA INTERNO QUADRO LIGHT AND SOCKET CIRCUIT INTERNAL PANEL	1	PIZZATO	MKV11D15	MICROINTERRUTTORE MICROSWITCH
=S1+COM-W1R.A =S1+COM/370.0	MANODENSOSTATO PRESSURE GAUGE	1 5 m	INTERTEAM	2GJA315874P01	CAVO 7X1,5 FG70H2M1 PRIVO DI ALOGENI 7X1,5 CABLE FG70H2M1 HALOGEN FREE

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SIGLA ELEMENTO FUNZIONALE DEVICE TAG POSIZIONAMENTO PLACEMENT	TESTO FUNZIONALE FUNCTION TEXT		PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNATION  DESIGNATION
=S1+COM-W1R.B =S1+COM/370.5	MANODENSOSTATO PRESSURE GAUGE	1 6,5 m	INTERTEAM	2GJA315874P01	CAVO 7X1,5 FG7OH2M1 PRIVO DI ALOGENI 7X1,5 CABLE FG7OH2M1 HALOGEN FREE
=S1+COM-W1R.C =S1+COM/371.0	=	1 6,2 m	INTERTEAM	2GJA315874P01	CAVO 7X1,5 FG70H2M1 PRIVO DI ALOGENI 7X1,5 CABLE FG70H2M1 HALOGEN FREE
=S1+COM-W1S.A =S1+COM/370.1	=	1 4,5 m	INTERTEAM	2GJA315874P01	CAVO 7X1,5 FG70H2M1 PRIVO DI ALOGENI 7X1,5 CABLE FG70H2M1 HALOGEN FREE
=S1+COM-W1S.B =S1+COM/370.6	=	1 5,9 m	INTERTEAM	2GJA315874P01	CAVO 7X1,5 FG70H2M1 PRIVO DI ALOGENI 7X1,5 CABLE FG70H2M1 HALOGEN FREE
=S1+COM-W1S.C =S1+COM/371.1	=	1 5,6 m	INTERTEAM	2GJA315874P01	CAVO 7X1,5 FG70H2M1 PRIVO DI ALOGENI 7X1,5 CABLE FG70H2M1 HALOGEN FREE
=S1+COM-W1T.A =S1+COM/370.2	=	1 5 m	INTERTEAM	2GJA315874P01	CAVO 7X1,5 FG70H2M1 PRIVO DI ALOGENI 7X1,5 CABLE FG70H2M1 HALOGEN FREE
=S1+COM-W1T.B =S1+COM/370.7	=	1 6,5 m	INTERTEAM	2GJA315874P01	CAVO 7X1,5 FG70H2M1 PRIVO DI ALOGENI 7X1,5 CABLE FG70H2M1 HALOGEN FREE
=S1+COM-W1T.C =S1+COM/371.2	П	1 6,2 m	INTERTEAM	2GJA315874P01	CAVO 7X1,5 FG70H2M1 PRIVO DI ALOGENI 7X1,5 CABLE FG70H2M1 HALOGEN FREE
=S1+COM-W2R.A =S1+COM/403.0	SENSORE DI PRESSIONE COMPARTO 'D'	1 5 m	UNIKA	2GJA410045P02	CAVO 4X0,5 TWISTATO 4X0,5 TWISTED CABLE
=S1+COM-W2R.B =S1+COM/403.5	=	1 6,5 m	UNIKA	2GJA410045P02	CAVO 4X0,5 TWISTATO 4X0,5 TWISTED CABLE
=S1+COM-W2R.C =S1+COM/404.0	=	1 6,2 m	UNIKA	2GJA410045P02	CAVO 4X0,5 TWISTATO 4X0,5 TWISTED CABLE
=S1+COM-W2S.A =S1+COM/403.1	=	1 4,5 m	UNIKA	2GJA410045P02	CAVO 4X0,5 TWISTATO 4X0,5 TWISTED CABLE
=S1+COM-W2S.B =S1+COM/403.6	=	1 5,9 m	UNIKA	2GJA410045P02	CAVO 4X0,5 TWISTATO 4X0,5 TWISTED CABLE
=S1+COM-W2S.C =S1+COM/404.1	=	1 5,6 m	UNIKA	2GJA410045P02	CAVO 4X0,5 TWISTATO 4X0,5 TWISTED CABLE
=S1+COM-W2T.A =S1+COM/403.3	=	1 5 m	UNIKA	2GJA410045P02	CAVO 4X0,5 TWISTATO 4X0,5 TWISTED CABLE
=S1+COM-W2T.B =S1+COM/403.8	=	1 6,5 m	UNIKA	2GJA410045P02	CAVO 4X0,5 TWISTATO 4X0,5 TWISTED CABLE
=S1+COM-W2T.C =S1+COM/404.3	=	1 6,2 m	UNIKA	2GJA410045P02	CAVO 4X0,5 TWISTATO 4X0,5 TWISTED CABLE
=S1+COM-X1		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP

> 620.n Technology Ltd DISTINTA ARTICOLI 25/01/2018 05/02/2018

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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG	TESTO FUNZIONALE FUNCTION TEXT		PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
POSIZIONAMENTO PLACEMENT		Q.TA' QU			
=S1+COM-X1		30	ENTRELEC	1SNA115116R0700	MORSETTO PASSANTE A VITE 4 mm <sup>2</sup> FEED-THROUGH SCREW TERMINAL BLOCK 4 mm <sup>2</sup>
=S1+COM-X1.1		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+COM-X1.1		4	ENTRELEC	1SNA115118R1100	MORSETTO PASSANTE A VITE 6 mm <sup>2</sup> FEED-THROUGH SCREW TERMINAL BLOCK 6 mm <sup>2</sup>
=S1+COM-X1.1		1	ENTRELEC	EN011870703	SEPARATORE SEPARATOR
=S1+COM-X1.1		8	ENTRELEC	1SNA115116R0700	MORSETTO PASSANTE A VITE 4 mm <sup>2</sup> FEED-THROUGH SCREW TERMINAL BLOCK 4 mm <sup>2</sup>
=S1+COM-X2		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+COM-X2		39	ENTRELEC	1SNA290161R0000	MORSETTO A MOLLA DOPPIO LIVELLO 2,5 mm² 2,5 mm² SPRING DOUBLE-DECK TERMINAL BLOCK
=S1+COM-X2.1		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+COM-X2.1		5	ENTRELEC	1SNA290161R0000	MORSETTO A MOLLA DOPPIO LIVELLO 2,5 mm² 2,5 mm² SPRING DOUBLE-DECK TERMINAL BLOCK
=S1+COM-XS1 =S1+COM/435.1	CIRCUITO LUCE E PRESA INTERNO QUADRO LIGHT AND SOCKET CIRCUIT INTERNAL PANEL	1	ABB	2CSM110000R0701	PRESA P30 ITALIANA STANDARD 16 A SOCKET P30 STANDARD ITALIAN 16 A
=S1+CT-RVA =S1+CT/500.9	SISTEMA DI SORVEGLIANZA SURVEILLANCE SYSTEM	1	EPCOS	B72207S0300K101	VARISTORE 250 A 30 Vca VARISTOR 250 A 30 Vac
=S1+CT-RVB =S1+CT/500.9	=	1	EPCOS	B72207S0300K101	VARISTORE 250 A 30 Vca VARISTOR 250 A 30 Vac
=S1+CT-RVC =S1+CT/500.9	=	1	EPCOS	B72207S0300K101	VARISTORE 250 A 30 Vca VARISTOR 250 A 30 Vac
=S1+CT-TA.R =S1+CT/500.9	=	1	TELEMA	2GJA408193P01	TRASFORMATORE TRANSFORMER
=S1+CT-TA.S =S1+CT/500.9	=	1	TELEMA	2GJA408193P01	TRASFORMATORE TRANSFORMER
=S1+CT-TA.T =S1+CT/500.9	=	1	TELEMA	2GJA408193P01	TRASFORMATORE TRANSFORMER
=S1+CT-W1.R =S1+CT/500.6	TRASFORMATORE AMPEROMETRICO CURRENT TRANSFORMER	1 6 m	INTERTEAM	2GJA315874P06	CAVO 6X4mm² FG7OH2M1 PRIVO DI ALOGENI 6X4mm² CABLE FG7OH2M1 HALOGEN FREE
=S1+CT-W1.S =S1+CT/500.5	=	1 5,5 m	INTERTEAM	2GJA315874P06	CAVO 6X4mm² FG7OH2M1 PRIVO DI ALOGENI 6X4mm² CABLE FG7OH2M1 HALOGEN FREE

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25/01/2018 05/02/2018 07/12/2017 ESPOSITO GRANATA ESPOSITO ESPOSITO MODIFICA DATA

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SIGLA ELEMENTO FUNZIONALE DEVICE TAG POSIZIONAMENTO PLACEMENT	TESTO FUNZIONALE FUNCTION TEXT		PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNATION DESIGNATION
=S1+CT-W1.T =S1+CT/500.4	TRASFORMATORE AMPEROMETRICO CURRENT TRANSFORMER	1 6 m	INTERTEAM	2GJA315874P06	CAVO 6X4mm² FG7OH2M1 PRIVO DI ALOGENI 6X4mm² CABLE FG7OH2M1 HALOGEN FREE
=S1+CT-W2.R =S1+CT/501.7	=	1 5,6 m	INTERTEAM	2GJA315874P06	CAVO 6X4mm² FG7OH2M1 PRIVO DI ALOGENI 6X4mm² CABLE FG7OH2M1 HALOGEN FREE
=S1+CT-W2.S =S1+CT/501.6	=	1 5 m	INTERTEAM	2GJA315874P06	CAVO 6X4mm² FG70H2M1 PRIVO DI ALOGENI 6X4mm² CABLE FG70H2M1 HALOGEN FREE
=S1+CT-W2.T =S1+CT/501.5	=	1 5,6 m	INTERTEAM	2GJA315874P06	CAVO 6X4mm² FG70H2M1 PRIVO DI ALOGENI 6X4mm² CABLE FG70H2M1 HALOGEN FREE
=S1+CT-X1		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+CT-X1		30	ENTRELEC	1SNA115971R1000	M6/8.ST1.V2 MORS. SEZ. E CORTOCIRCUITABILE M6/8.ST1.V2 DISCONN. AND SAFETY CROSS CONN. TERM. BLOCK
=S1+CT-X1		2	ENTRELEC	EN011870703	SEPARATORE SEPARATOR
=S1+CT-X1		3	CABUR	SB220	MORSETTO SEZIONABILE E CORTOCIRCUITABILE 6 mm <sup>2</sup> DISCONNECT TEST AND SHORT CIRCUIT TERMINAL BLOCK 6 mm <sup>2</sup>
=S1+CT-X1.1		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+CT-X1.1		27	ENTRELEC	1SNA115971R1000	M6/8.ST1.V2 MORS. SEZ. E CORTOCIRCUITABILE M6/8.ST1.V2 DISCONN. AND SAFETY CROSS CONN. TERM. BLOCK
=S1+CT-X1.1		2	ENTRELEC	EN011870703	SEPARATORE SEPARATOR
=S1+CT-X2		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+CT-X2		6	ENTRELEC	1SNA115971R1000	M6/8.ST1.V2 MORS. SEZ. E CORTOCIRCUITABILE M6/8.ST1.V2 DISCONN. AND SAFETY CROSS CONN. TERM. BLOCK
=S1+SM-152-ENC =S1+SM/552.8	ENCODER ENCODER	1	BAUMER	UA420234	ENCODER ENCODER
=S1+SM-F10 =S1+SM/551.4	ALIMENTAZIONE AUSILIARIA SISTEMA DI SORVEGLIANZA SURVEILLANCE SYSTEM AUXILIARY SUPPLY	1	ABB	ABB.2CDS272001R0031_S202M-D3	S202M D3 INTERRUTTORE AUTOMATICO 2P/3A S202M D3 AUT. MINI CIRCUIT BREAKER 2P/3A
=S1+SM-F10 =S1+SM/551.4	=	1	ABB	ABB.2CD200936R0001_S2C-H11L	CONTATTI AUSILIARI 1NA+1NC AUXILIARY CONTACTS 1NO+1NC
=S1+SM-TBL =S1+SM/552.4		1	TELEMA	2GJA408885R	SISTEMA DI MONITORAGGIO TBL TBL MONITORING SYSTEM
=S1+SM-U1 =S1+SM/552.8		1	FORT	2GJA408307	SCATOLA DI TERMINAZIONE FIBRE OTTICHE OPTICAL FIBER TERMINATION BOX

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### DISTINTA ARTICOLI PART LIST

SIGLA ELEMENTO FUNZIONALE DEVICE TAG POSIZIONAMENTO PLACEMENT	TESTO FUNZIONALE FUNCTION TEXT		PRODUTTORE MANUFACTURER	NUMERO ARTICOLO PART NUMBER	DESIGNAZIONE DESIGNATION
=S1+SM-W1 =S1+SM/552.7		1 3 m	TELEMA	2GJA408948P01	CAVO OTTICO A DUE FIBRE MULTIMODALI 62.5/125 MICRON + CONNETTORI ST OPTICAL CABLE WITH TWO MULTIMODAL FIBERS 62.5 / 125 MICRON + ST CONNECTORS
=S1+SM-X1		2	ENTRELEC	EN039996701	BLOCCHETTO DI ARRESTO END STOP
=S1+SM-X1		2	ENTRELEC	1SNA115118R1100	MORSETTO PASSANTE A VITE 6 mm <sup>2</sup> FEED-THROUGH SCREW TERMINAL BLOCK 6 mm <sup>2</sup>
=S1+SM-X1		1	ENTRELEC	EN011870703	SEPARATORE SEPARATOR
=S1+SM-X1		6	ENTRELEC	1SNA115116R0700	MORSETTO PASSANTE A VITE 4 mm <sup>2</sup> FEED-THROUGH SCREW TERMINAL BLOCK 4 mm <sup>2</sup>

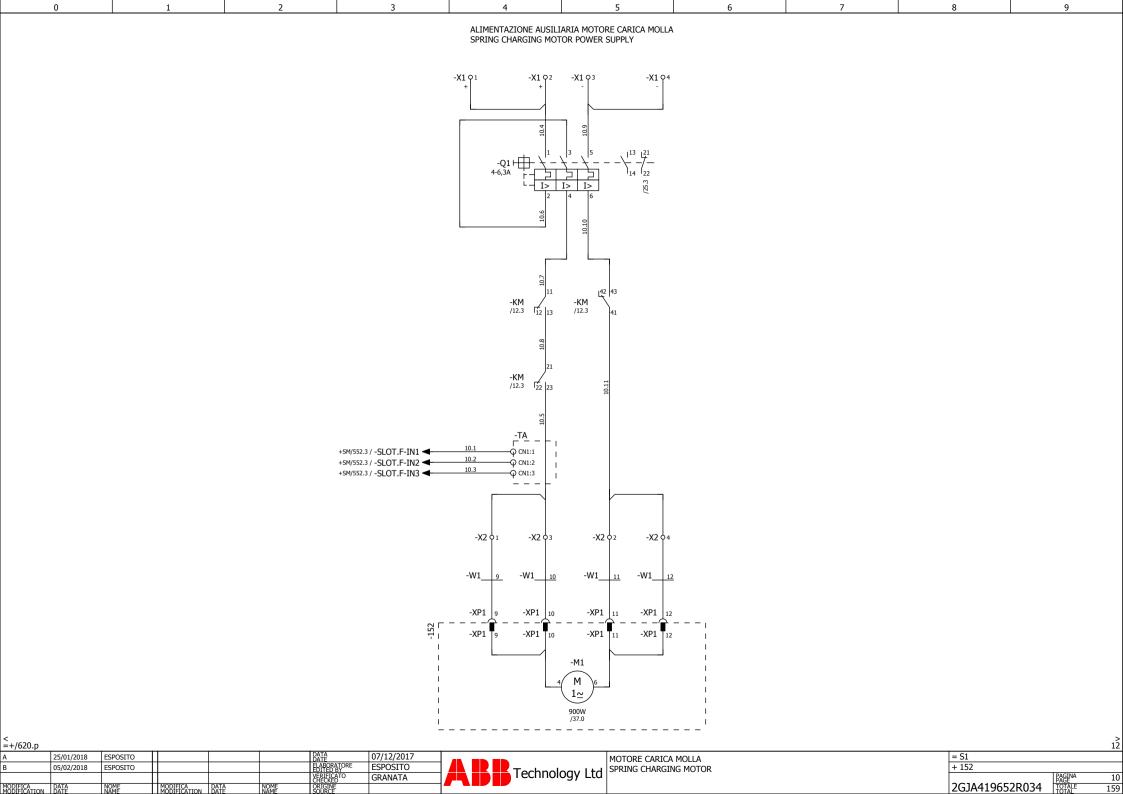
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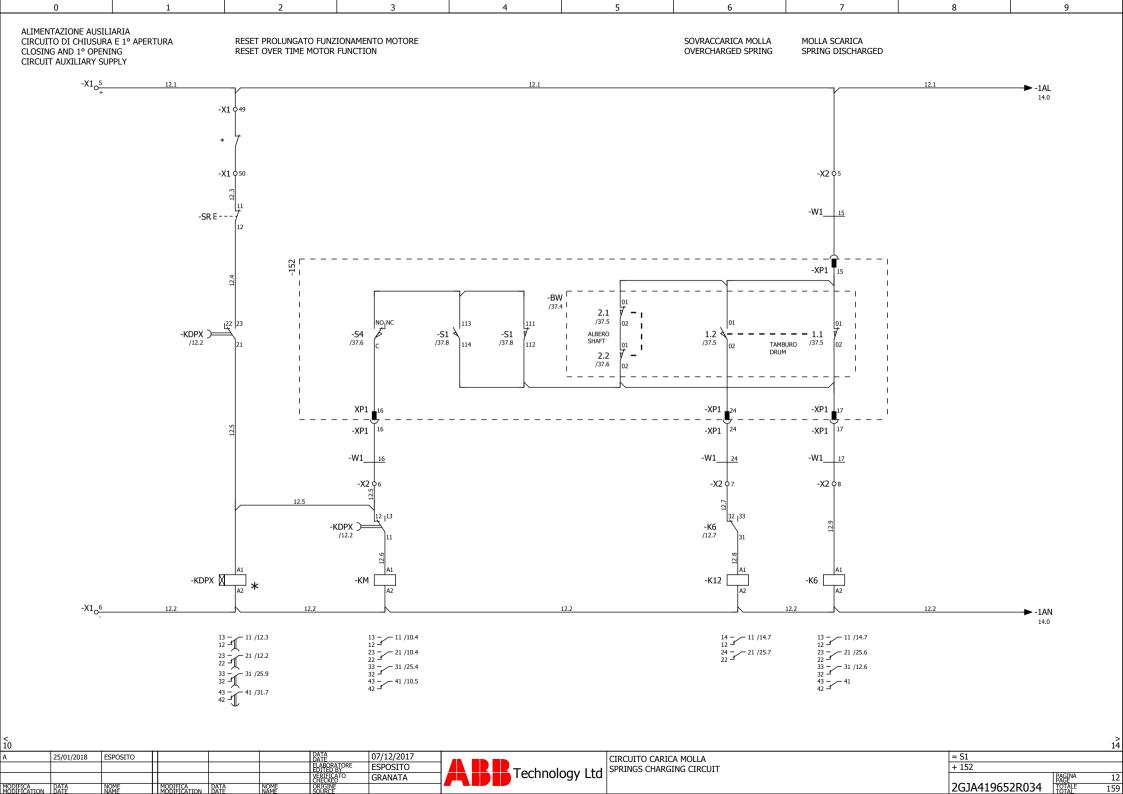
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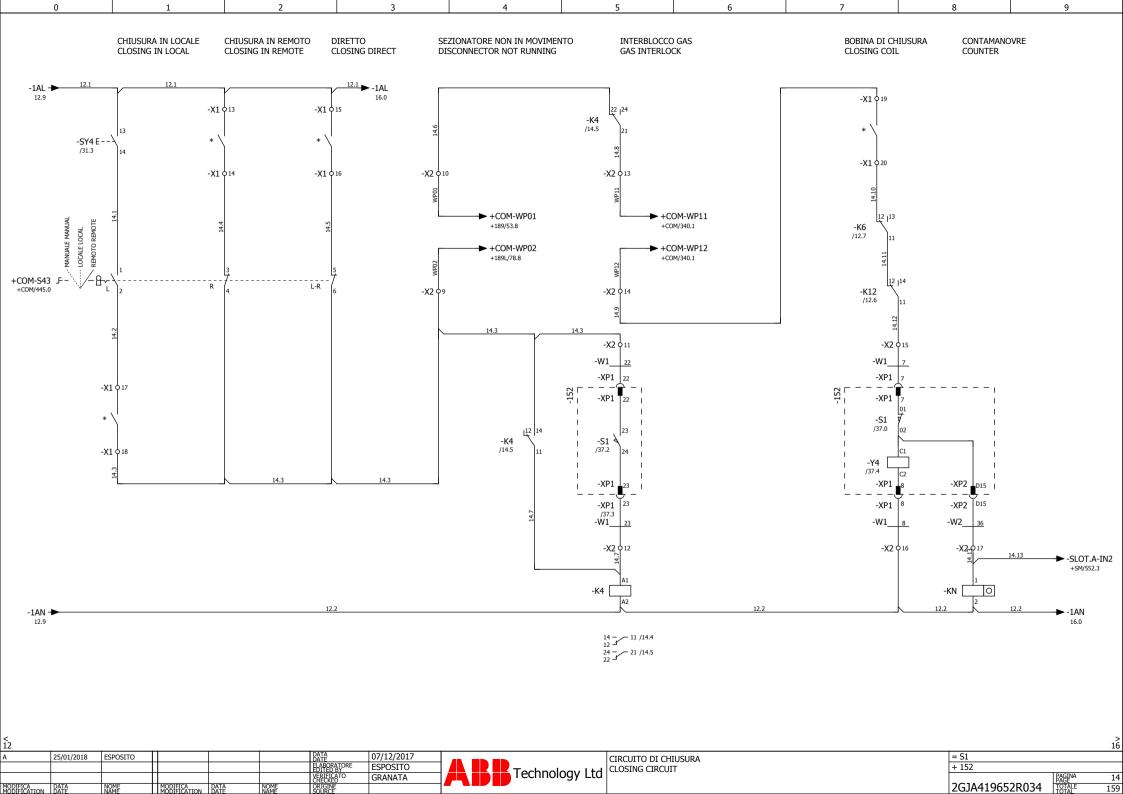
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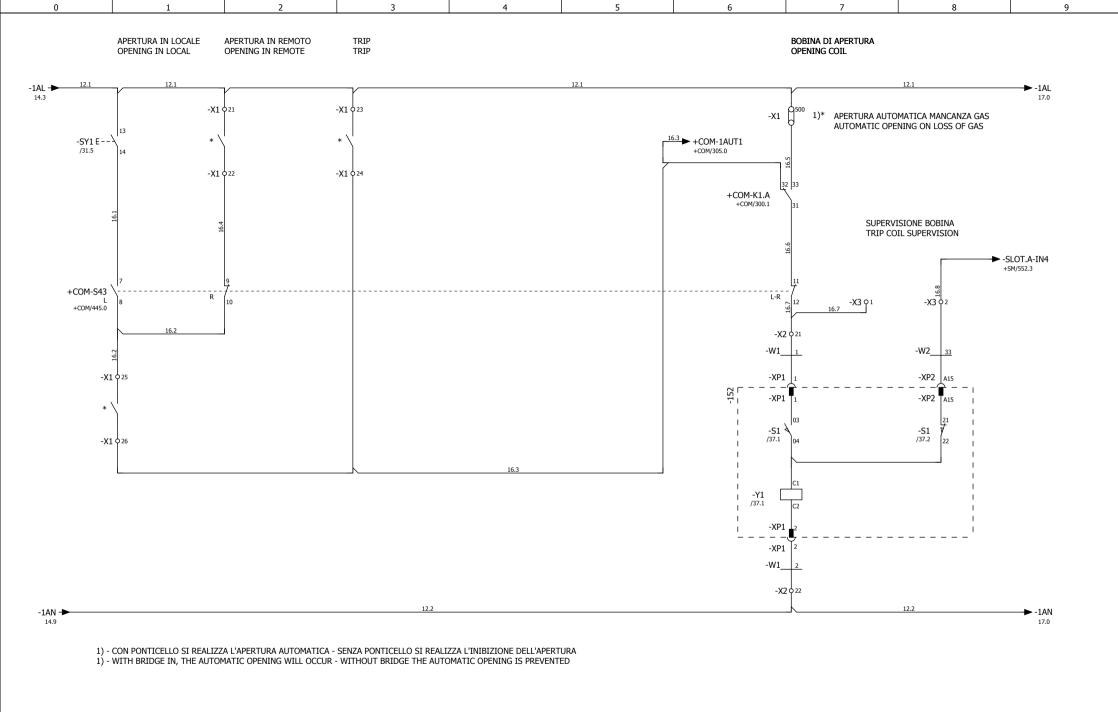


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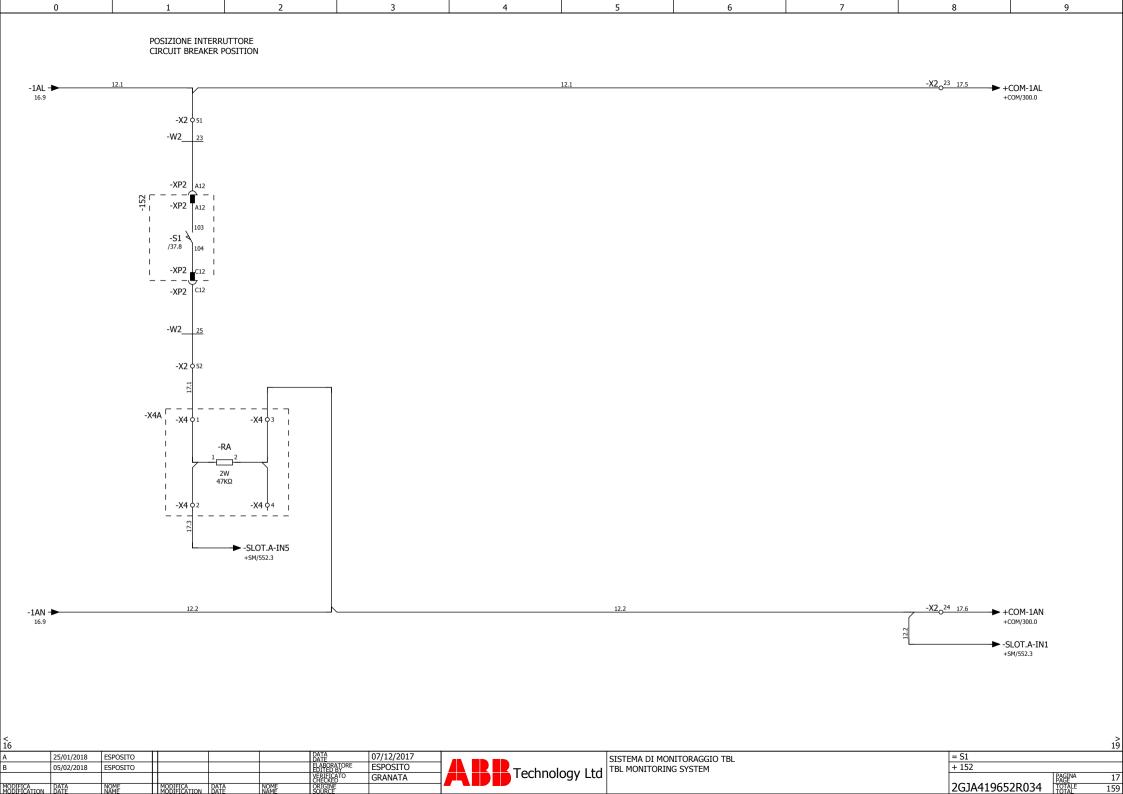


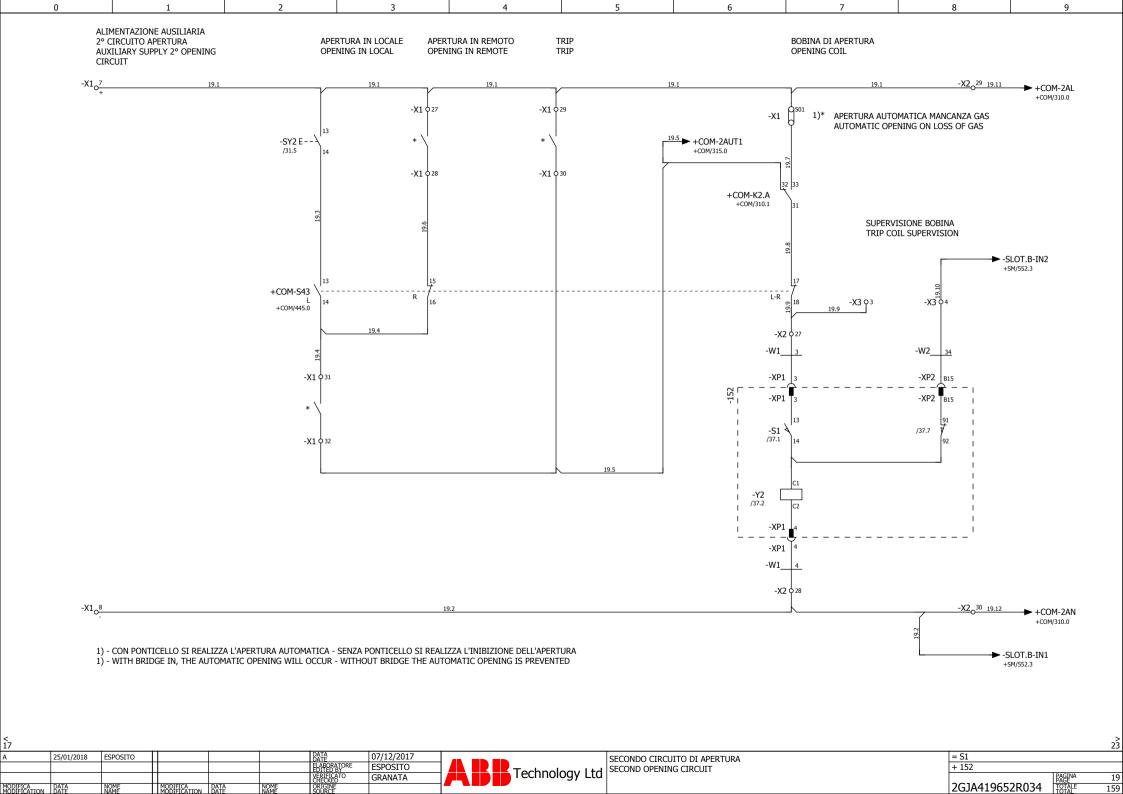
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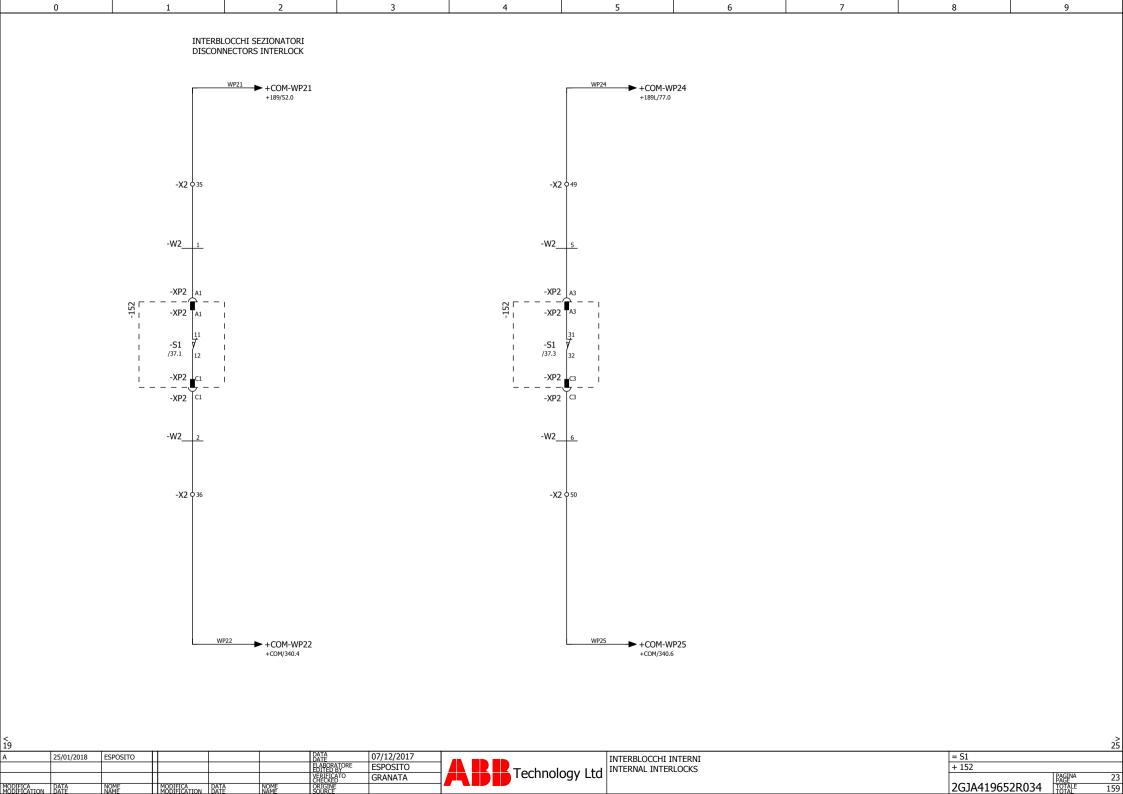
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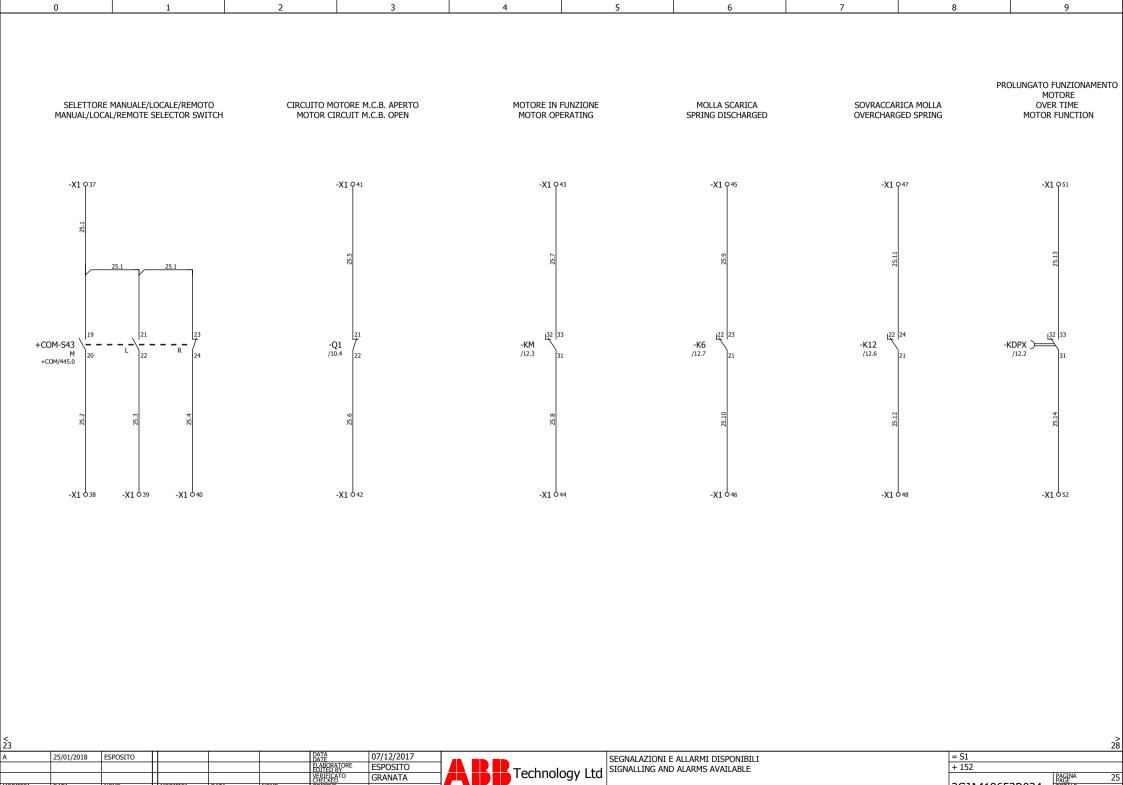
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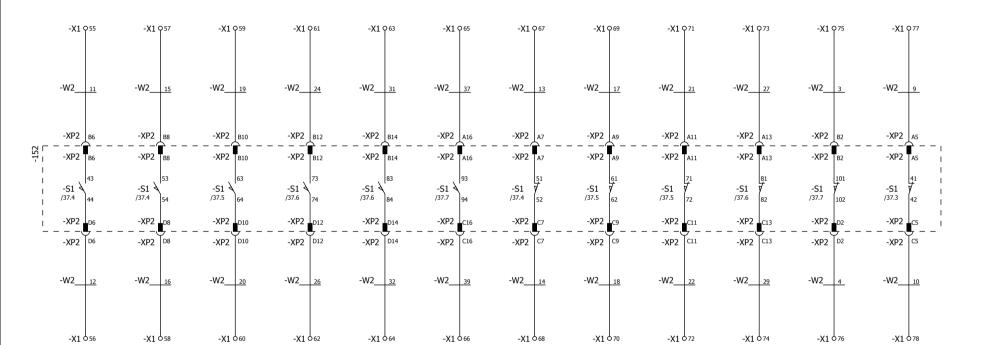


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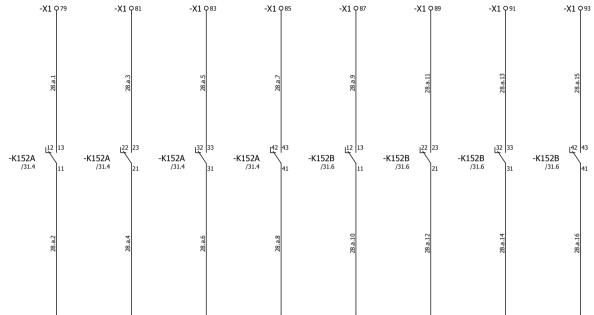
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CONTATTI AUSILIARI DISPONIBILI AVAILABLE AUXILIARY CONTACTS

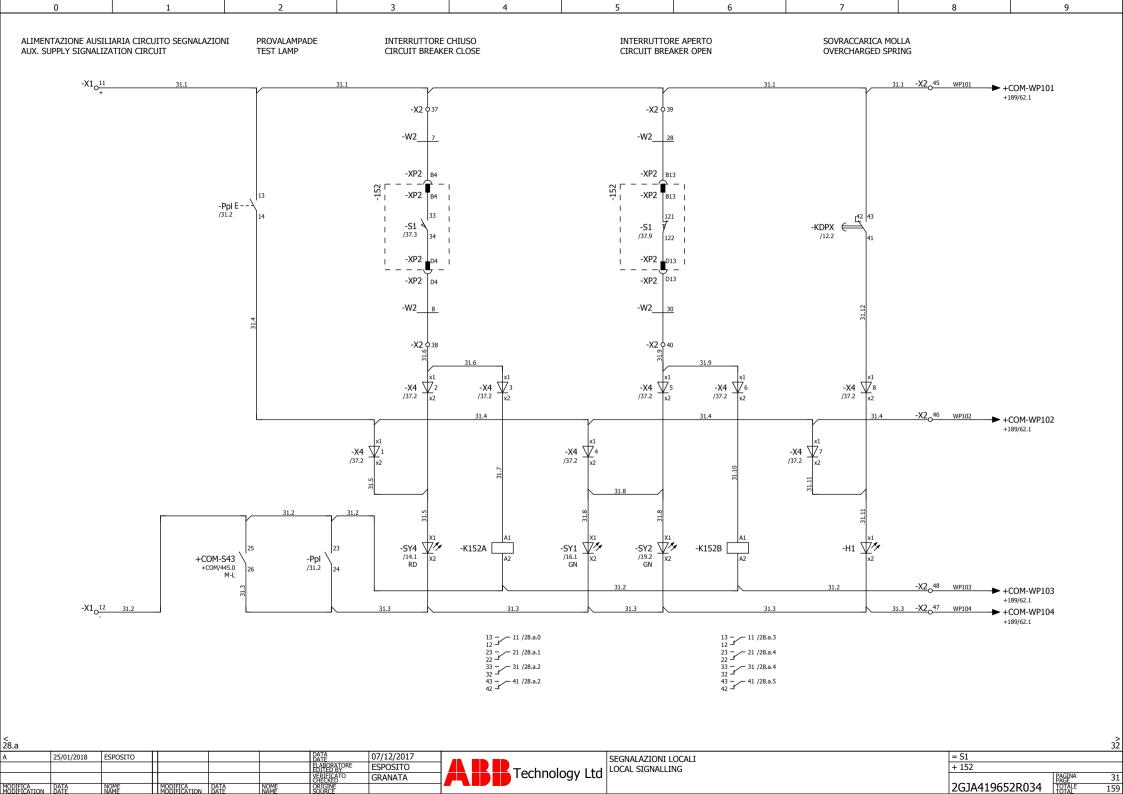


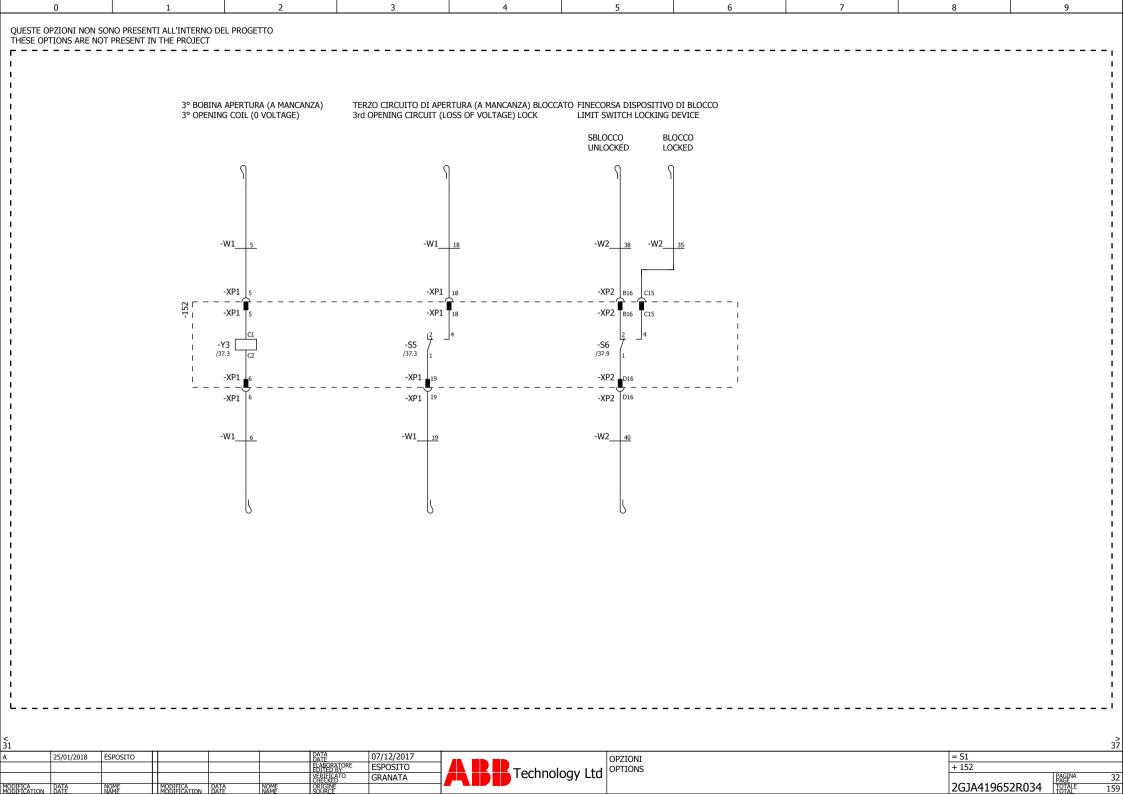
-K152A \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	13 -K152A 11 /31.4	-K152A 21 /31.4	132 33 31	-K152A /31.4 4	-K152B	-K152B ∖	-K152B	33  42  43 -K152B 31  31.6  41
28 a.2		28.a.4	28.a.6	28.a.8	28.9.10	28 8.1.2	28.8.14	28.9.1.6
-X1 ·	) 280 -)	(1 082	-X1 O84	-X1 O	86 -X1 C	>88 -X1 (	590 -X1 C	D92 -X1 O94

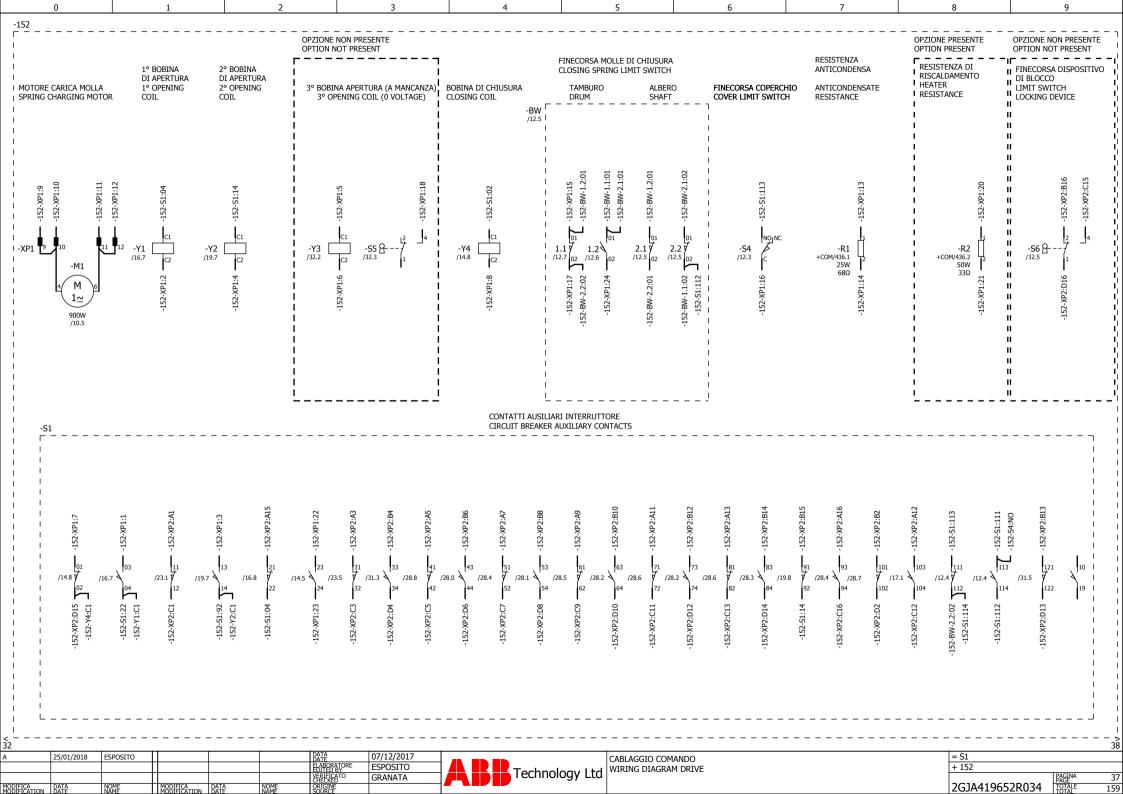
07/12/2017 ESPOSITO GRANATA 25/01/2018 ESPOSITO



= S1 + 152 28.a 159 2GJA419652R034







9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** TERMINAL STRIP =S1+152-X1MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** LIVELLO LEVE PONTICELLO JUMPER TESTO FUNZIONALE TIPO PAGINA/COLONNA **FUNCTION TEXT** PAGE/COLUMN TYPE ALIMENTAZIONE AUSILIARIA MOTORE CARICA MOLLA SPRING CHARGING MOTOR POWER SUPPLY M6/8 2 M6/8 /10.4 M6/8 10.9 4 /10.5 M6/8 ALIMENTAZIONE AUSILIARIA CIRCUITO DI CHIUSURA E 1º APERTURA M6/8 12.1 CLOSING AND 1° OPENING CIRCUIT AUXILIARY SUPPLY 6 12.2 M6/8 ALIMENTAZIONE AUSILIARIA 2º CIRCUITO APERTURA M6/8 19.1 AUXILIARY SUPPLY 2° OPENING CIRCUIT 19.2 M6/8 ALIMENTAZIONE AUSILIARIA CIRCUITO SEGNALAZIONI 11 M6/8 31.1 12 M6/8 31.2 CHIUSURA IN REMOTO 13 /14.2 M4/6 CLOSING IN REMOTE 12.1 14 /14.2 M4/6 14.4 DIRETTO CLOSING DIRECT 15 M4/6 /14.2 12.1 16 /14.2 M4/6 14.5 INTERBLOCCHI ESTERNI EXTERNAL INTERLOCK 17 M4/6 14.2 /14.1 18 /14.1 M4/6 14.3 19 14.9 M4/6 20 14.10 M4/6 1° APERTURA IN REMOTO 1° OPENING IN REMOTE 21 M4/6 12.1 22 M4/6 16.4 23 M4/6 24 M4/6 16.3 INTERBLOCCHI ESTERNI 25 16.2 /16.1 M4/6 EXTERNAL INTERLOCK 26 M4/6 25/01/2018 ESPOSITO 07/12/2017 SCHEMA MORSETTI =S1+152-X1 + 152 ESPOSITO TERMINAL DIAGRAM =S1+152-X1 GRANATA

2GJA419652R034

MODIFICA MODIFICATION

9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** TERMINAL STRIP =S1+152-X1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** LIVELLO LEVE PONTICELLO JUMPER TESTO FUNZIONALE TIPO PAGINA/COLONNA **FUNCTION TEXT** PAGE/COLUMN TYPE 2° APERTURA IN REMOTO 27 M4/6 19.1 28 M4/6 19.6 29 M4/6 /19.4 TRIP 19.1 30 M4/6 19.5 INTERBLOCCHI ESTERNI EXTERNAL INTERLOCK 31 /19.2 M4/6 19.4 32 M4/6 SELETTORE MANUALE/LOCALE/REMOTO 37 M4/6 25.1 MANUAL/LOCAL/REMOTE SELECTOR SWITCH 38 25.2 M4/6 MANUAL LOCALE 39 M4/6 25.3 REMOTO 40 M4/6 25.4 CIRCUITO MOTORE M.C.B. APERTO 41 25.5 M4/6 42 M4/6 25.6 MOTORE IN FUNZIONE 43 M4/6 25.7 44 M4/6 25.8 MOLLA SCARTCA 45 /25.6 M4/6 SPRING DISCHARGED 25.9 46 /25.6 M4/6 25.10 SOVRACCARICA MOLLA 47 /25.8 M4/6 25.11 OVERCHARGED SPRING 48 M4/6 /25.8 25.12 RESET PROLUNGATO FUNZIONAMENTO MOTORE RESET OVER TIME MOTOR FUNCTION 49 /12.2 M4/6 12.1 50 M4/6 12.3 /12.2 PROLUNGATO FUNZIONAMENTO MOTORE 51 /25.9 M4/6 25.13 OVER TIME MOTOR FUNCTION 52 25.14 M4/6 CONTATTI AUSILIARI DISPONIBILI 55 11 M4/6 AVAILABLE AUXILIARY CONTACTS 12 56 M4/6 15 57 M4/6 16 58 M4/6 59 19 M4/6 20 60 M4/6 24 61 M4/6 07/12/2017 25/01/2018 ESPOSITO SCHEMA MORSETTI =S1+152-X1 Technology Ltd ESPOSITO TERMINAL DIAGRAM =S1+152-X1

2GJA419652R034

GRANATA

MODIFICA MODIFICATION

9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** TERMINAL STRIP =S1+152-X1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** LIVELLO LEVEL MORSETTO TERMINAL PONTICELLO JUMPER TESTO FUNZIONALE PAGINA/COLONNA TIPO **FUNCTION TEXT** PAGE/COLUMN TYPE CONTATTI AUSILIARI DISPONIBILI AVAILABLE AUXILIARY CONTACTS 26 62 M4/6 63 M4/6 32 64 M4/6 37 65 M4/6 39 66 M4/6 13 67 M4/6 14 68 M4/6 M4/6 18 70 M4/6 71 21 M4/6 22 72 M4/6 27 73 M4/6 74 29 M4/6 75 76 M4/6 77 M4/6 10 78 /28.8 M4/6 79 M4/6 /28.a.0 28.a.1 80 /28.a.0 M4/6 81 M4/6 28.a.3 /28.a.1 82 /28.a.1 M4/6 28.a.4 83 M4/6 28.a.5 84 M4/6 28.a.6 85 M4/6 28.a.7 86 M4/6 28.a.8 87 M4/6 28.a.9 88 M4/6 28.a.10 89 /28.a.4 M4/6 28.a.11 90 28.a.12 M4/6 07/12/2017 ESPOSITO 25/01/2018 ESPOSITO SCHEMA MORSETTI =S1+152-X1 Technology Ltd TERMINAL DIAGRAM =S1+152-X1 GRANATA 2GJA419652R034 MODIFICA MODIFICATION

0 1 2 3 4 5 6 7 8 9

SCHFMA MORSFTTI

### SCHEMA MORSETTI TERMINAL DIAGRAM

	NOME CAVO CABLE NAME	T = MOR	ERMIN S1+	TTIERA AL STRIP 152-X1 ERA CLIEN	ITE	NOME CAVO CABLE NAME		
TESTO FUNZIONALE FUNCTION TEXT	TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	MORSETTO TERMINAL	PONTICELLO JUMPER	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE	PAGINA/COLOI PAGE/COLUM	NNA TIPO IN TYPE
CONTATTI AUSILIARI DISPONIBILI AVAILABLE AUXILIARY CONTACTS			91		28.a.13		/28.a.4	M4/6
=			92		28.a.14		/28.a.4	M4/6
=			93		28.a.15		/28.a.5	M4/6
=			94		28.a.16		/28.a.5	M4/6
DISPONIBILE AVAILABLE			95					M4/6
=			96					M4/6
=			97					M4/6
=			98					M4/6
=			99					M4/6
=			100					M4/6
=			101					M4/6
=			102					M4/6
=			103					M4/6
=			104					M4/6
APERTURA AUTOMATICA MANCANZA GAS AUTOMATIC OPENING ON LOSS OF GAS		16.5	500		12.1		/16.7	M4/6.SN
=		19.7	501		19.1		/19.7	M4/6.SN
=		305.1	505		17.5		+COM/305.1	M4/6.SN
=		315.1	506		19.11		+COM/315.1	M4/6.SN
				1				

A 25/01/2018 ESPOSITO DATA 07/12/2017

BARRATORE ESPOSITO DATA NOME MODIEIRA DATA NOME GRANATA



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= S1 + 152 2GJA419652R034 PAGINA 38 SCHEMA MORSETTI **TERMINAL DIAGRAM** MORSETTIERA -₩2 -₩1 TERMINAL STRIP =S1+152-X2 MORSETTIERA DI APPOGGIO INTERNAL TERMINAL STRIP FG7OH2M1 LIVELLO LEVEL MORSETTO TERMINAL PONTICELLO JUMPER PAGINA/COLONNA TIPO PAGE/COLUMN TYPE EN029016100 11 2 /10.5 3 EN029016100 12 4 15 12.1 EN029016100 12.1 16 12.5 24 7 12.7 EN029016100 17 12.9 EN029016100 WP02 14.3 14.3 10 WP01 14.6 22 11 EN029016100 14.3 23 12 /14.5 14.7 13 EN029016100 WP11 14 /14.5 WP12 14.9 15 EN029016100 14.12 16 /14.8 12.2 12.2 17 14.13 EN029016100 18 21 16.7 EN029016100 16.7 2 22 12.2 12.2 23 EN029016100 17.5 12.1 24 17.6 12.2 /17.8 12.2 07/12/2017 ESPOSITO 25/01/2018 SCHEMA MORSETTI =S1+152-X2 Technology Ltd 05/02/2018 **ESPOSITO** TERMINAL DIAGRAM =S1+152-X2 GRANATA 2GJA419652R034

MODIFICA DATA

SCHEMA MORSETTI TERMINAL DIAGRAM MORSETTIERA TERMINAL STRIP

					OME CAVO ABLE NAME	•	= MORSE	=S1+ ETTIER/	152-X2 A DI APPO	GGIO	ABLE NAME	OME CAVO				
			FG70H2M1	FG7OH2M1	TIPO CAVO CABLE TYPE		CABLAGGIO WIRING	MORSETTO TERMINAL	PONTICELLO JUMPER LIVELLO LEVEL	CABLAGGIO WIRING	CABLE TYPE	TIPO CAVO			PAGINA/COLON PAGE/COLUMI	INA TIPO N TYPE
				3				27	1	19.9					/19.7	EN029016100
										19.9						
				4				28	2	19.2					/19.7	
							19.11	29	1	19.1					/19.8	EN029016100
							19.12	30	2	19.2					/19.8	
			1					35	1	WP21					/23.1	EN029016100
			2					36	2 .	WP22			$\perp$		/23.1	
			7					37	1	31.1			$\perp$		/31.3	EN029016100
	$\perp$		8		_			38	2 .	31.6			$\perp$		/31.3	
	$\perp$		28					39	1	31.1			$\perp$	 	/31.5	EN029016100
	$\perp$		30					40	2 .	31.9			$\perp$	 	/31.5	
$\perp$	$\perp \!\!\! \perp \!\!\! \perp$						WP101	45	1	31.1			$\perp \perp \perp$	 	/31.8	EN029016100
	$\perp$						WP102	46	2 .	31.4			$\perp$		/31.8	
	$\perp$						WP104	47	1	31.3			$\perp \perp \perp$	$\perp$	/31.8	EN029016100
							WP103	48	2 .	31.2			$\perp \perp \perp$	$\perp$	/31.8	
			5					49	1	WP24			$\perp \perp \perp$		/23.5	EN029016100
			6					50	2 .	WP25			$\perp$		/23.5	
			23					51	1	12.1			$\perp \perp \perp$		/17.1	EN029016100
			25					52	2	17.1					/17.1	
	1 7						1 [	[d∎E]	hl							

= S1 + 152 2GJA419652R034 0 1 2 3 4 5 6 7 8 9

## SCHEMA MORSETTI TERMINAL DIAGRAM

			CABLE NAME	NOME CAVO	= = MOR	= <b>S1+</b> RSETTI	IAL 15 ERA	TERA STRIP 52-X3 A CLIENT MINAL S		NOME CAVO CABLE NAME	-W2			
TESTO FUNZIONALE FUNCTION TEXT			CABLE TYPE	TIPO CAVO	CABLAGGIO WIRING	MORSETTO TERMINAL	LIVELLO LEVEL	PONTICELLO JUMPER	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE	FG70H2M1		PAGINA/COLON PAGE/COLUMI	
SUPERVISIONE BOBINA TRIP COIL SUPERVISION						1		•	16.7				/16.7	M4/6
=					16.8	2					33		/16.8	M4/6
=					_	3			19.9				/19.7	M4/6
=					19.10	4					34		/19.8	M4/6

07/12/2017			
ESPOSITO			Tachnalagy
GRANATA			Technology Lt
	_		

SCHEMA MORSETTI TERMINAL DIAGRAM

9	NOME CAVO	= MORSE	TERMINA =S1+: ETTIERA	TTIERA AL STRIP 152-X4 DI APPO RMINAL S	GGIO	NOME CAVO CABLE NAME			
9	TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	MORSETTO TERMINAL	PONTICELLO JUMPER	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE		agina/colonn <i>i</i> Page/column	
			[i=t]						
		31.5	1		31.4		/3	31.3	M4/6.SB
	-	31.5	2		31.6		/3	31.3	M4/6.SB
		31.7	3		31.6		/3	31.4	M4/6.SB
		31.8	4		31.4		/3	31.5	M4/6.SB
		31.8	5		31.9		/3	31.5	M4/6.SB
		31.10	6		31.9		/3	31.6	M4/6.SB
		31.11	7		31.4		/3	31.7	M4/6.SB
		31.11	8		31.12		/3	31.7	M4/6.SB
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25/01/2018 ESPOSITO



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### SCHEMA CABLAGGIO CABLE DIAGRAM

NOME CAVO CABLE NAME =S	1+152-W1			D INTERRUTTORE F BREAKER DRIVE	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTOR: N. OF CONDUCTORS	I 24		SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	4 u m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/16.7	-XP1	1	1	-X2		21	/16.7
/16.7	-XP1	2	2	-X2		22	/16.7
/19.7	-XP1	3	3	-X2		27	/19.7
/19.7	-XP1	4	4	-X2		28	/19.7
/32.2	-XP1	5	5				/32.2
/32.2	-XP1	6	6				/32.2
/14.8	-XP1	7	7	-X2		15	/14.8
/14.8	-XP1	8	8	-X2		16	/14.8
/10.4	-XP1	9	9	-X2		1	/10.4
/10.4	-XP1	10	10	-X2		3	/10.4
/10.5	-XP1	11	11	-X2		2	/10.5
/10.5	-XP1	12	12	-X2		4	/10.5
+COM/436.1	-XP1	13	13	+COM-X2.1		3	+COM/436.1
+COM/436.1	-XP1	14	14	+COM-X2.1		4	+COM/436.1
/12.7	-XP1	15	15	-X2		5	/12.7
/12.3	-XP1	16	16	-X2		6	/12.3
/12.7	-XP1	17	17	-X2		8	/12.7
/32.4	-XP1	18	18				/32.4
/32.3	-XP1	19	19				/32.3
+COM/436.2	-XP1	20	20	+COM-X2.1		5	+COM/436.2
+COM/436.2	-XP1	21	21	+COM-X2.1		6	+COM/436.2
/14.5	-XP1	22	22	-X2		11	/14.5
/14.5	-XP1	23	23	-X2		12	/14.5
/12.6	-XP1	24	24	-X2		7	/12.6
			SH				

25/01/2018	ESPOSITO			DATA DATE	07/12/2017	-			
				ELABORATORE EDITED BY	ESPOSITO			Tachna	loas
		1		VERIFICATO	CDANATA			recnno	ЮU

7 9 2 8 SCHEMA CABLAGGIO **CABLE DIAGRAM** NOME CAVO COMANDO INTERRUTTORE | TIPO CAVO =S1+152-W2 FG70H2M1 CABLE NAME CIRCUIT BREAKER DRIVE | CABLE TYPE NUMERO CONDUTTORI **SEZIONE** LUNGHEZZA CAVO 1,5 4,9 m N. OF CONDUCTORS **SECTION** CABLE LENGTH DESIGNAZIONE DESTINAZIONE ATTACCO ATTACCO DESIGNAZIONE DESTINAZIONE PAGINA/COLONNA CONDUTTORE PAGINA/COLONNA CONNECTION IN DIREZIONE DI CONNECTION PAGE/COLUMN CONDUCTOR PAGE/COLUMN TARGET DESIGNATION FROM POINT TARGET DESIGNATION TO POINT /23.1 -XP2 A1 1 -X2 35 /23.1 /23.1 2 -X2 -XP2 C1 36 /23.1 /28.7 -XP2 B2 3 -X1 75 /28.7 /28.7 -XP2 D2 4 -X1 76 /28.7 /23.5 -XP2 А3 5 -X2 49 /23.5 /23.5 -XP2 C3 -X2 50 /23.5 6 7 /31.3 -XP2 В4 -X2 37 /31.3 /31.3 -XP2 D4 8 -X2 38 /31.3 /28.8 -XP2 A5 9 -X1 77 /28.8 /28.8 -XP2 C5 10 -X1 78 /28.8 /28.0 В6 11 -X1 55 /28.0 -XP2 /28.0 -XP2 D6 12 -X1 56 /28.0 13 -X1 67 /28.4 -XP2 Α7 /28.4 /28.4 C7 -X1 68 -XP2 14 /28.4 15 -X1 /28.1 -XP2 В8 57 /28.1 /28.1 -X1 58 -XP2 D8 16 /28.1 -X1 /28.5 17 69 /28.5 -XP2 Α9 -X1 /28.5 -XP2 C9 18 70 /28.5 /28.2 -XP2 B10 19 -X1 59 /28.2 20 -X1 /28.2 -XP2 D10 60 /28.2 /28.6 21 -X1 71 /28.6 -XP2 A11 /28.6 -XP2 C11 22 -X1 72 /28.6 /17.1 -XP2 A12 23 -X2 51 /17.1 /28.2 -XP2 B12 24 -X1 61 /28.2 /17.1 -XP2 C12 25 -X2 52 /17.1 /28.2 -XP2 D12 26 -X1 62 /28.2 /28.6 -XP2 A13 27 -X1 73 /28.6 07/12/2017 25/01/2018 ESPOSITO SCHEMA CABLAGGIO =S1+152-W2 ESPOSITO + 152 Technology Ltd CABLE DIAGRAM =S1+152-W2 GRANATA 2GJA419652R034 MODIFICATION DATE MODIFICA DATA

### SCHEMA CABLAGGIO CABLE DIAGRAM

NOME CAVO CABLE NAME =S	1+152-W2			INTERRUTTORE BREAKER DRIVE	TIPO CAVO		FG70H2M1
NUMERO CONDUTTOR N. OF CONDUCTORS	I 40		SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	2 U m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/31.5	-XP2	B13	28	-X2		39	/31.5
/28.6	-XP2	C13	29	-X1		74	/28.6
/31.5	-XP2	D13	30	-X2		40	/31.5
/28.3	-XP2	B14	31	-X1		63	/28.3
/28.3	-XP2	D14	32	-X1		64	/28.3
/16.8	-XP2	A15	33	-X3		2	/16.8
/19.8	-XP2	B15	34	-X3		4	/19.8
/32.5	-XP2	C15	35				/32.6
/14.8	-XP2	D15	36	-X2		17	/14.8
/28.4	-XP2	A16	37	-X1		65	/28.4
/32.5	-XP2	B16	38				/32.5
/28.4	-XP2	C16	39	-X1		66	/28.4
/32.5	-XP2	D16	40				/32.5
			SH				



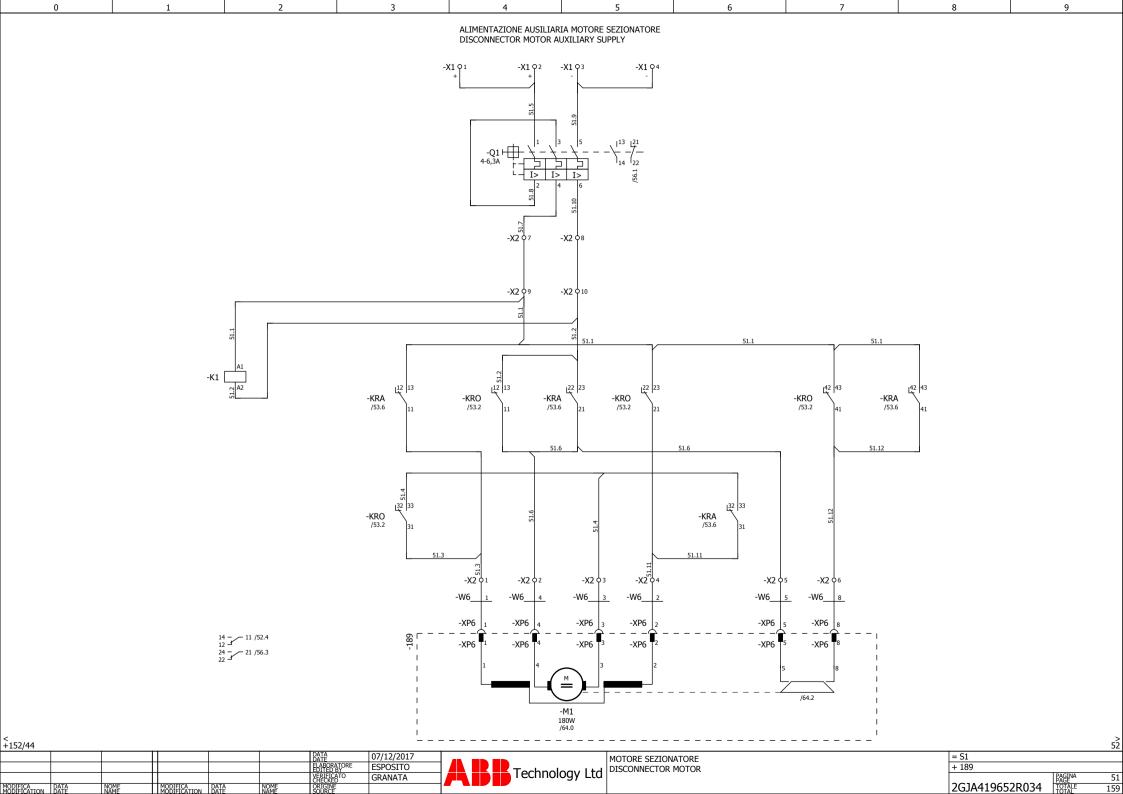
### SCHEMA CABLAGGIO CABLE DIAGRAM

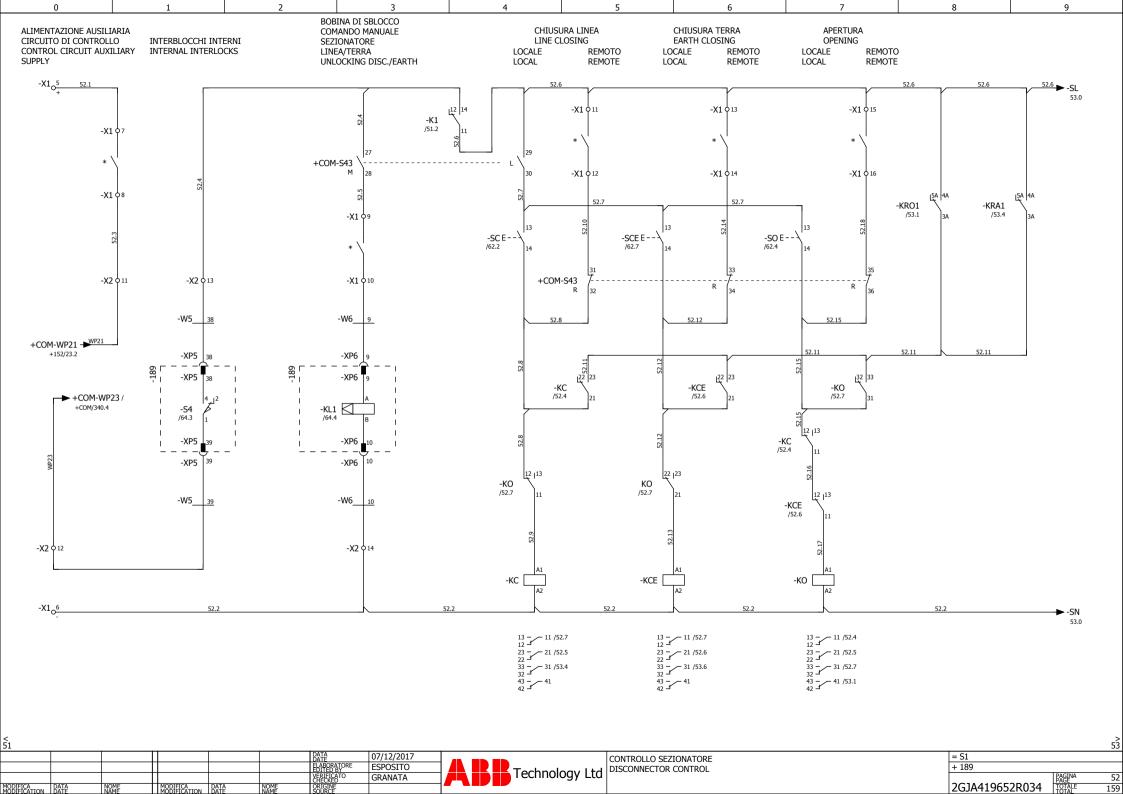
NOME CAVO CABLE NAME = S	1+152-W3			ENCODER ENCODER	TIPO CAVO		UNITRONIC® LIYCY
NUMERO CONDUTTOR N. OF CONDUCTORS	8 8		SEZIONE SECTION	0,14		LUNGHEZZA CABLE LENG	2 4 4 m l
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
+SM/552.8	+SM-152-ENC	+Vs	WH	+SM-TBL-SLOT.E		СОМ	+SM/552.6
+SM/552.8	+SM-152-ENC	+Vs	BN	+SM-TBL-SLOT.E		5Vout	+SM/552.6
+SM/552.8	+SM-152-ENC	CHA	GN	+SM-TBL-SLOT.E		PhA+	+SM/552.6
+SM/552.8	+SM-152-ENC	СНВ	YE	+SM-TBL-SLOT.E		PhB+	+SM/552.6
			GY				
			PK				
+SM/552.8	+SM-152-ENC	CHB*	BU	+SM-TBL-SLOT.E		Phb-	+SM/552.6
+SM/552.8	+SM-152-ENC	CHA*	RD	+SM-TBL-SLOT.E		PhA-	+SM/552.6
			SH				

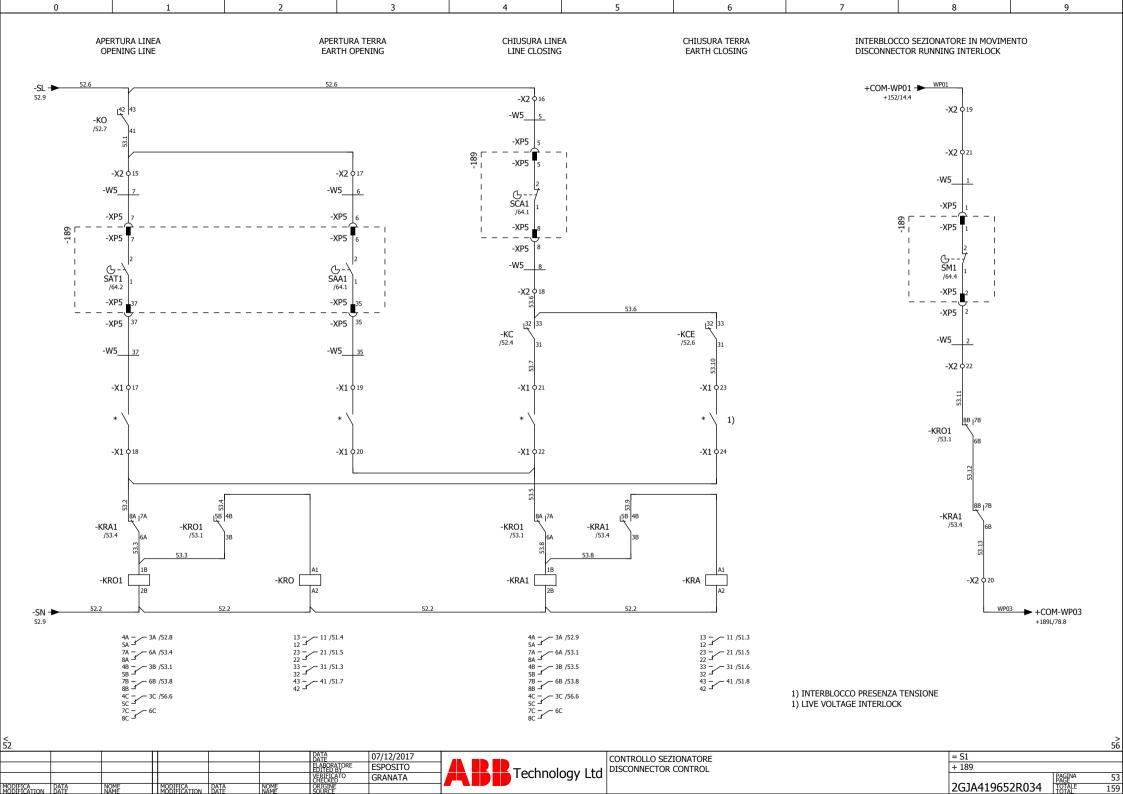
07/12/2017 ESPOSITO GRANATA 25/01/2018 ESPOSITO

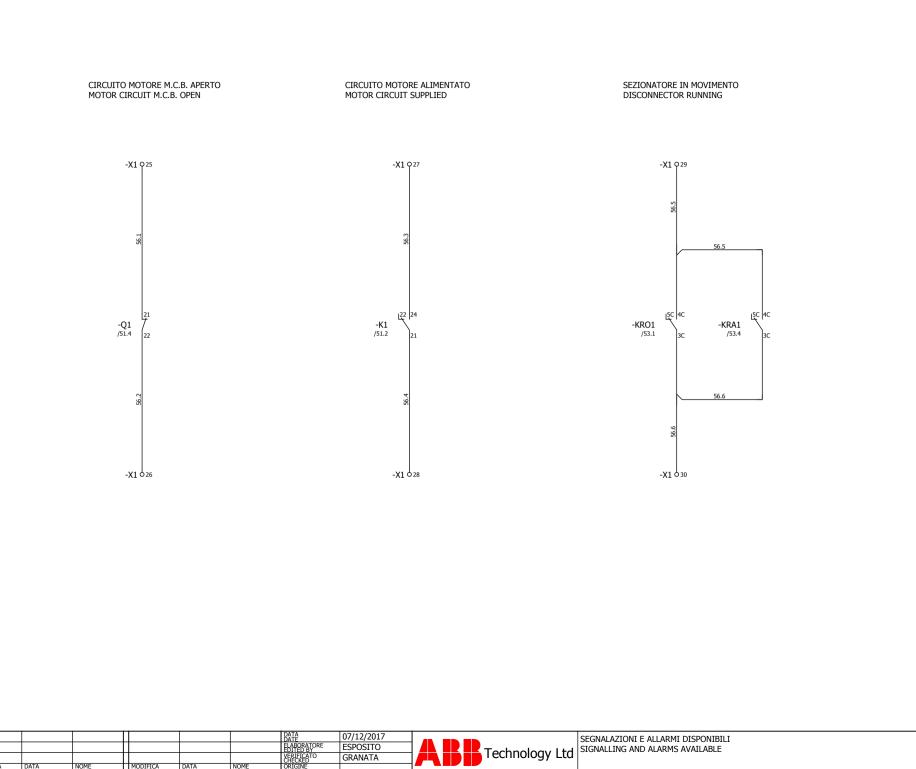


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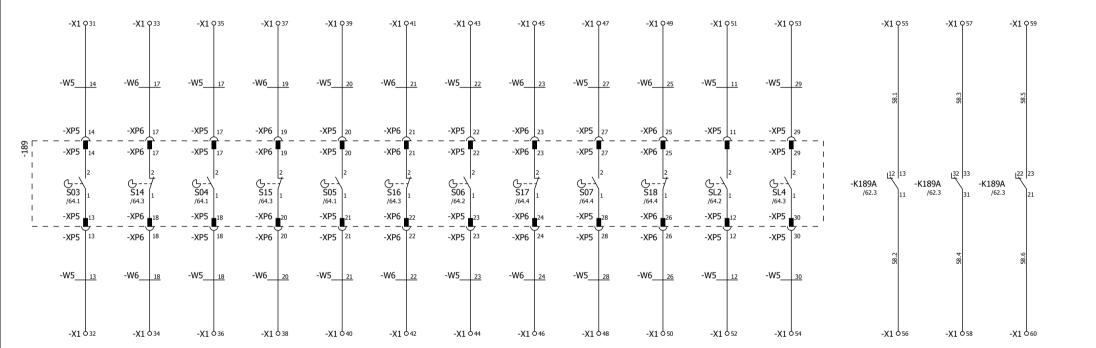
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#### CONTATTI AUSILIARI DISPONIBILI LINEA LINE AVAILABLE AUXILIARY CONTACTS

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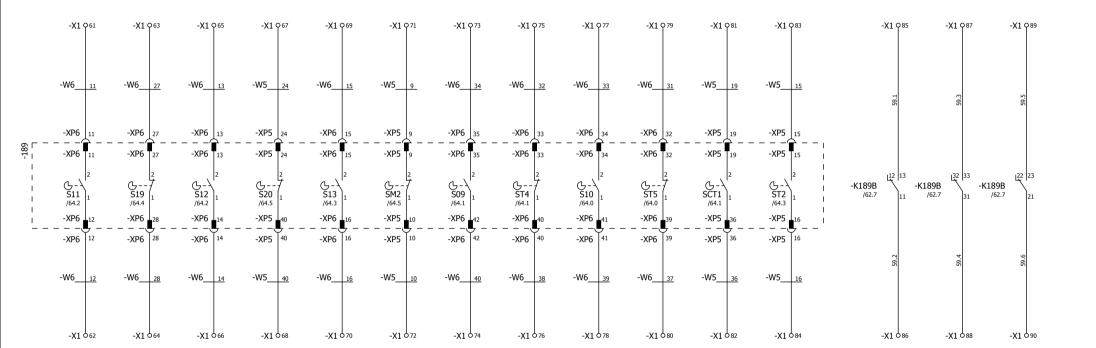
PER I SETTAGGI CONTATTI, VEDERE PAGINE 64 E 65.

<i>i</i> 0										
			П				DATA DATE	07/12/2017		_
			П				ELABORATORE EDITED BY	ESPOSITO		П
			П				VERIFICATO CHECKED	GRANATA		П
ODIFICA ODIFICATION	DATA DATE	NOME NAME	П	MODIFICATION	DATA DATE	NOME NAME	ORIGINE SOURCE		_	



#### CONTATTI AUSILIARI DISPONIBILI TERRA EARTH AVAILABLE AUXILIARY CONTACTS

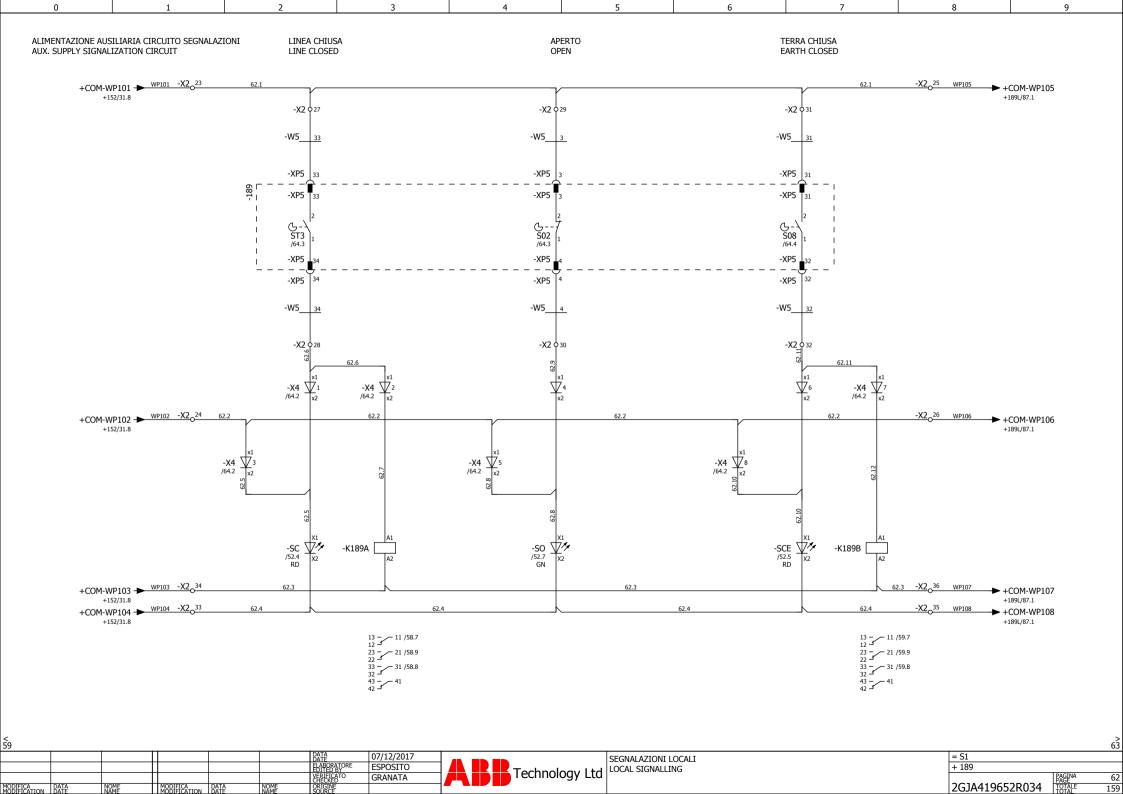
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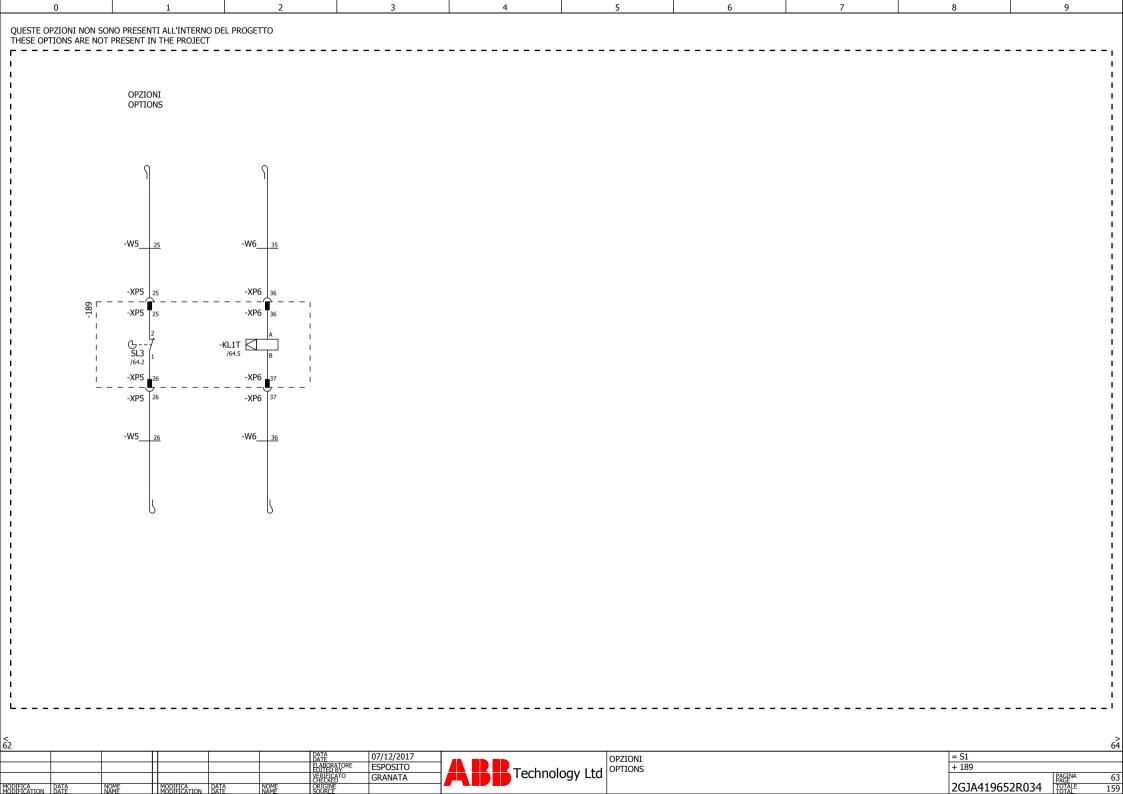


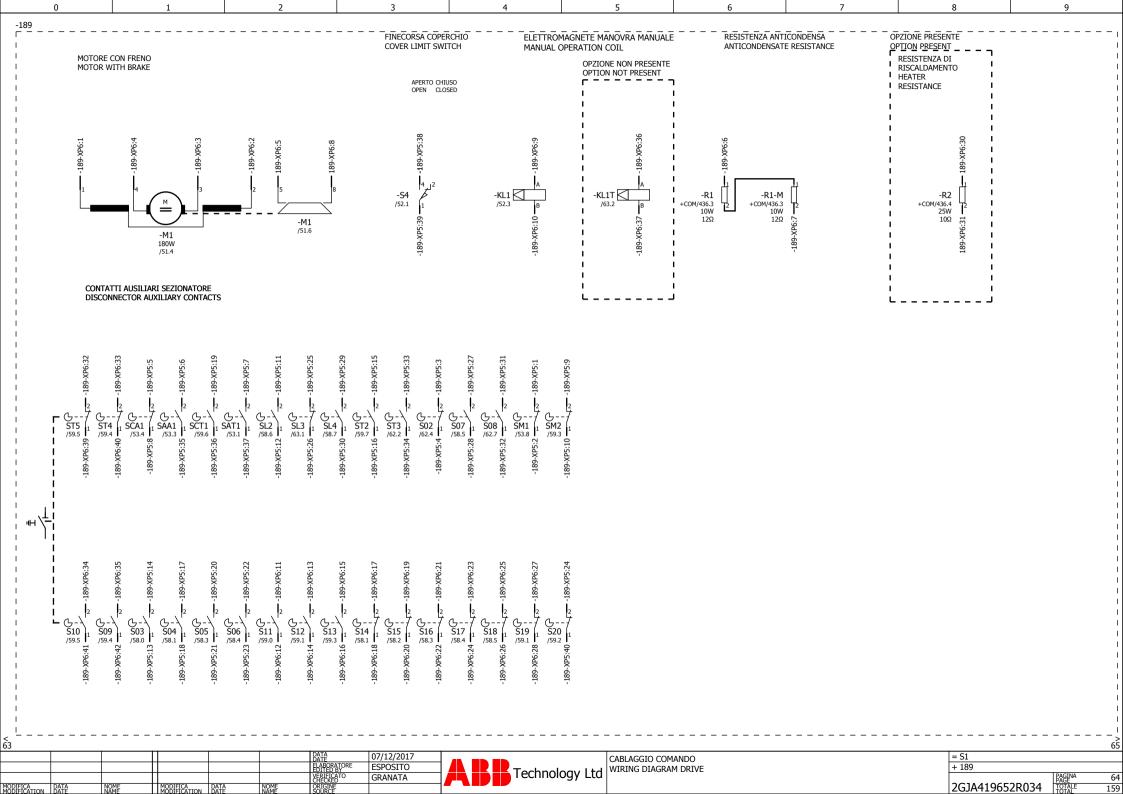
PER I SETTAGGI CONTATTI, VEDERE PAGINE 64 E 65. FOR CAMS SETTINGS, REFER TO SHEETS 64 E 65.  $_{>}$  62

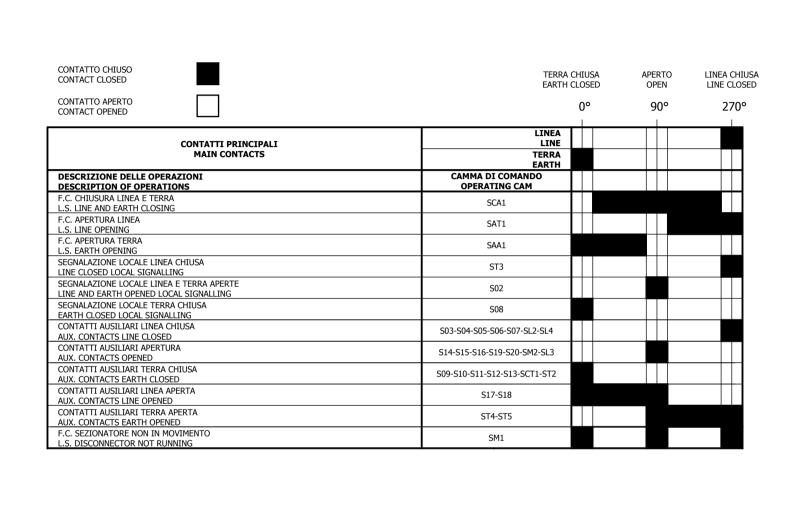
,,									
						DATA DATE	07/12/2017		
						ELABORATORE EDITED BY	ESPOSITO		
							GRANATA		
MODIFICA MODIFICATION	DATA	NOME	MODIFICATION	DATA	NOME	ORIGINE			





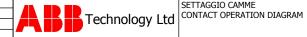






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07/12/2017 ESPOSITO GRANATA MODIFICATION DATE MODIFICA MODIFICATION



SETTAGGIO CAMME

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9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** TERMINAL STRIP =S1+189-X1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** LIVELLO LEVE PONTICELLO JUMPER TESTO FUNZIONALE TIPO PAGINA/COLONNA **FUNCTION TEXT** PAGE/COLUMN TYPE ALIMENTAZIONE AUSILIARIA MOTORE SEZIONATORE DISCONNECTOR MOTOR AUXILIARY SUPPLY M6/8 2 M6/8 /51.4 51.5 3 M6/8 51.9 4 /51.5 M6/8 ALIMENTAZIONE AUSILIARIA CIRCUITO DI CONTROLLO 52.1 M6/8 CONTROL CIRCUIT AUXILIARY SUPPLY 6 52.2 M6/8 M4/6 52.1 8 52.3 M4/6 M4/6 52.5 9 10 M4/6 CHIUSURA LINEA IN REMOTO 11 M4/6 LINE CLOSING IN REMOTE 52.6 12 /52.5 M4/6 52.10 CHIUSURA TERRA IN REMOTO 13 /52.6 M4/6 EARTH CLOSING IN REMOTE 14 /52.6 M4/6 52.14 APERTURA SEZIONATORE IN REMOTO DISCONNECTOR OPENING IN REMOTE 15 M4/6 /52.7 52.6 16 /52.7 M4/6 52.18 INTERBLOCCHI ESTERNI EXTERNAL INTERLOCK 17 M4/6 /53.1 18 /53.1 M4/6 53.2 19 M4/6 20 M4/6 21 M4/6 53.7 22 M4/6 53.5 INTERBLOCCO ESTERNO PRESENZA TENSIONE VOLTAGE PRESENCE EXTERNAL INTERLOCK 23 M4/6 53.10 24 M4/6 CIRCUITO MOTORE M.C.B. APERTO 25 /56.1 M4/6 MOTOR CIRCUIT M.C.B. OPEN 56.1 26 56.2 M4/6 07/12/2017 SCHEMA MORSETTI =S1+189-X1 Technology Ltd ESPOSITO + 189 TERMINAL DIAGRAM =S1+189-X1 GRANATA 2GJA419652R034

9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** TERMINAL STRIP =S1+189-X1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** MORSETTO
TERMINAL PONTICELLO JUMPER TESTO FUNZIONALE PAGINA/COLONNA TIPO FUNCTION TEXT PAGE/COLUMN TYPE CIRCUITO MOTORE ALIMENTATO MOTOR CIRCUIT SUPPLIED 27 M4/6 28 M4/6 SEZIONATORE IN MOVIMENTO DISCONNECTOR RUNNING 29 M4/6 30 M4/6 56.6 CONTATTI AUSILIARI DISPONIBILI LINEA LINE AVAILABLE AUXILIARY CONTACTS 14 31 M4/6 32 M4/6 33 M4/6 M4/6 17 35 M4/6 18 36 M4/6 37 19 M4/6 20 38 M4/6 39 20 M4/6 21 40 21 41 /58.3 M4/6 22 42 /58.3 M4/6 43 22 /58.4 M4/6 44 M4/6 /58.4 45 /58.4 M4/6 46 M4/6 47 M4/6 48 M4/6 49 M4/6 26 50 M4/6 51 11 M4/6 12 52 M4/6 53 29 M4/6 30 54 M4/6 55 58.1 M4/6 07/12/2017 ESPOSITO SCHEMA MORSETTI =S1+189-X1 Technology Ltd + 189 TERMINAL DIAGRAM =S1+189-X1 GRANATA 2GJA419652R034

9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** TERMINAL STRIP =S1+189-X1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** MORSETTO
TERMINAL PONTICELLO JUMPER TESTO FUNZIONALE PAGINA/COLONNA TIPO FUNCTION TEXT PAGE/COLUMN TYPE CONTATTI AUSILIARI DISPONIBILI LINEA LINE AVAILABLE AUXILIARY CONTACTS 56 M4/6 57 M4/6 58.3 58 M4/6 59 M4/6 60 M4/6 CONTATTI AUSILIARI DISPONIBILI TERRA EARTH AVAILABLE AUXILIARY CONTACTS M4/6 12 62 M4/6 27 M4/6 28 64 M4/6 13 M4/6 14 66 M4/6 67 M4/6 68 40 M4/6 15 69 16 70 /59.3 M4/6 71 /59.3 M4/6 10 72 /59.3 M4/6 73 M4/6 74 M4/6 75 M4/6 76 M4/6 77 M4/6 78 39 M4/6 31 79 M4/6 37 80 M4/6 19 81 M4/6 82 36 M4/6 15 83 M4/6 84 16 M4/6 07/12/2017 ESPOSITO SCHEMA MORSETTI =S1+189-X1 Technology Ltd + 189 TERMINAL DIAGRAM =S1+189-X1 GRANATA 2GJA419652R034

< 66.a

#### SCHEMA MORSETTI TERMINAL DIAGRAM

	NOME CAVO CABLE NAME	MORSETTIERA TERMINAL STRIP =S1+189-X1  MORSETTIERA CLIENTE CUSTOMER TERMINAL STRIP								
TESTO FUNZIONALE FUNCTION TEXT	CABLE TYPE	TO ALL THE STATE OF THE STATE O	TERMINAL  CABLAGGIO  WIRING	LIVELLO LEVEL MORSETTO	PONTICELLO JUMPER	CABLAGGIO WIRING	CABLE TYPE	TIBO CANO	PAGINA/COLON PAGE/COLUMI	INA TIPO N TYPE
CONTATTI AUSILIARI DISPONIBILI TERRA EARTH AVAILABLE AUXILIARY CONTACTS			85	;		59.1			/59.8	M4/6
=			86	,		59.2			/59.8	M4/6
=			87	,		59.3			/59.8	M4/6
=			88	3		59.4			/59.8	M4/6
=			89	,		59.5			/59.9	M4/6
=			90	,		59.6			/59.9	M4/6
DISPONIBILE AVAILABLE			91							M4/6
=			92	2						M4/6
=			93	3	•					M4/6
=			94		•					M4/6
=			95	,						M4/6
=			96	,						M4/6
=			97	,						M4/6
=			98	3						M4/6

[]■E]



= S1 + 189 2GJA419652R034

9 SCHEMA MORSETTI **TERMINAL DIAGRAM** MORSETTIERA √5 -W6 TERMINAL STRIP =S1+189-X2MORSETTIERA DI APPOGGIO INTERNAL TERMINAL STRIP FG70H2M1 LIVELLO LEVEL MORSETTO TERMINAL PONTICELLO JUMPER PAGINA/COLONNA TIPO PAGE/COLUMN TYPE 51.3 EN029016100 4 2 /51.4 3 3 EN029016100 51.4 2 4 51.11 51.6 EN029016100 8 6 51.12 51.7 EN029016100 8 51.10 51.1 EN029016100 51.1 10 51.2 51.2 11 EN029016100 WP21 52.3 39 12 /52.0 WP23 13 /52.1 EN029016100 14 /52.3 52.2 52.2 15 EN029016100 53.1 16 17 EN029016100 18 53.6 19 WP01 EN029016100 WP03 53.13 21 EN029016100 22 53.11 23 EN029016100 WP101 62.1 24 WP102 62.2 WP105 62.1 EN029016100 < 66.c 07/12/2017 ESPOSITO SCHEMA MORSETTI =S1+189-X2 + 189 Technology Ltd TERMINAL DIAGRAM =S1+189-X2 GRANATA 2GJA419652R034

# SCHEMA MORSETTI TERMINAL DIAGRAM

			CABLE NAME		Т		IAL S <sup>-</sup> 189 A DI <i>I</i>	TRIP -X2 APPOO	GGIO	NOME CAVO CABLE NAME			
			CABLE TYPE	TIPO CAVO	CABLAGGIO WIRING	MORSETTO TERMINAL	LIVELLO LEVEL	PONTICELLO	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE		PAGINA/COLON PAGE/COLUM	
					WP106	26	2		62.2			/62.8	
		3	13			27	1	•	62.1			/62.2	EN029016100
		3	14			28	2		62.6			/62.2	
			3			29	1	+				/62.4	EN029016100
			4			30	2		62.9			/62.4	
		3	1			31	1	1				/62.7	EN029016100
		3	12			32	2	•	62.11			/62.7	
					WP104	33	1		62.4			/62.1	EN029016100
					WP103	34	2		62.3			/62.1	
					WP108	35	1		62.4			/62.8	EN029016100
					WP107	36	2		62.3			/62.8	



07/12/2017 ESPOSITO GRANATA

= S1 + 189 2GJA419652R034 0 1 2 3 4 5 6 7 8 9

CHEMA MODSETTI

# SCHEMA MORSETTI TERMINAL DIAGRAM

NOME CAVO CABLE NAME	= = MORSI INTER	NOME CAVO CABLE NAME					
TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	MORSETTO TERMINAL	PONTICELLO JUMPER	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE	PAGINA/COLON PAGE/COLUMI	
	62.5	1		62.6		/62.2	M4/6.SB
	62.7	2		62.6		/62.3	M4/6.SB
	62.5	3		62.2		/62.2	M4/6.SB
	62.8	4		62.9		/62.4	M4/6.SB
	62.8	5		62.2		/62.4	M4/6.SB
	62.10	6		62.11		/62.7	M4/6.SB
	62.12	7		62.11		/62.7	M4/6.SB
	62.10	8		62.2		/62.6	M4/6.SB
			h I				

	ABB	Technology Lt
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SCHEMA MORSETTI =S1+189-X4
TERMINAL DIAGRAM =S1+189-X4

= S1 + 189 2GJA419652R034 | PAGINA 6 | TOTALE 15

7 9 2 8 SCHEMA CABLAGGIO **CABLE DIAGRAM** NOME CAVO COMANDO SEZIONATORE | TIPO CAVO =S1+189-W5 FG70H2M1 CABLE NAME DISCONNECTOR COMMAND CABLE TYPE NUMERO CONDUTTORI **SEZIONE** LUNGHEZZA CAVO 1,5 5,9 m N. OF CONDUCTORS **SECTION** CABLE LENGTH DESIGNAZIONE DESTINAZIONE ATTACCO DESIGNAZIONE DESTINAZIONE ATTACCO PAGINA/COLONNA CONDUTTORE PAGINA/COLONNA CONNECTION IN DIREZIONE DI CONNECTION PAGE/COLUMN CONDUCTOR PAGE/COLUMN TARGET DESIGNATION FROM POINT TARGET DESIGNATION TO POINT /53.8 -XP5 1 1 -X2 21 /53.8 2 2 -X2 22 /53.8 -XP5 /53.8 /62.4 -XP5 3 3 -X2 29 /62.4 /62.4 -XP5 4 4 -X2 30 /62.4 /53.4 -XP5 5 5 -X2 16 /53.4 /53.3 -XP5 6 -X2 17 /53.3 6 7 /53.1 -XP5 7 -X2 15 /53.1 /53.4 -XP5 8 8 -X2 18 /53.4 /59.3 -XP5 9 9 -X1 71 /59.3 /59.3 -XP5 10 10 -X1 72 /59.3 /58.6 11 -X1 51 /58.6 -XP5 11 /58.6 -XP5 12 12 -X1 52 /58.6 13 -X1 32 /58.0 -XP5 13 /58.0 /58.0 -X1 31 -XP5 14 14 /58.0 15 -X1 /59.7 -XP5 15 83 /59.7 16 -X1 84 /59.7 -XP5 16 /59.7 -X1 /58.1 17 /58.1 -XP5 17 35 -X1 /58.1 18 18 36 /58.1 -XP5 /59.6 -XP5 19 19 -X1 81 /59.6 20 -X1 /58.3 -XP5 20 39 /58.3 /58.3 21 21 -X1 40 /58.3 -XP5 /58.4 -XP5 22 22 -X1 43 /58.4 /58.4 -XP5 23 23 -X1 44 /58.4 /59.2 -XP5 24 24 -X1 67 /59.2 /63.1 -XP5 25 25 /63.1 /63.1 -XP5 26 26 /63.1 /58.5 27 -XP5 27 -X1 47 /58.5 69.a **68** 07/12/2017 SCHEMA CABLAGGIO =S1+189-W5 ESPOSITO + 189 Technology Ltd CABLE DIAGRAM =S1+189-W5 GRANATA 2GJA419652R034 MODIFICATION DATA MODIFICA DATA

### SCHEMA CABLAGGIO CABLE DIAGRAM

NOME CAVO CABLE NAME =S	1+189-W5			OO SEZIONATORE CTOR COMMAND	TIPO CAVO		FG70H2M1
NUMERO CONDUTTOR N. OF CONDUCTORS	I 40		SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	5 U m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/58.5	-XP5	28	28	-X1		48	/58.5
/58.7	-XP5	29	29	-X1		53	/58.7
/58.7	-XP5	30	30	-X1		54	/58.7
/62.7	-XP5	31	31	-X2		31	/62.7
/62.7	-XP5	32	32	-X2		32	/62.7
/62.2	-XP5	33	33	-X2		27	/62.2
/62.2	-XP5	34	34	-X2		28	/62.2
/53.3	-XP5	35	35	-X1		19	/53.3
/59.6	-XP5	36	36	-X1		82	/59.6
/53.1	-XP5	37	37	-X1		17	/53.1
/52.1	-XP5	38	38	-X2		13	/52.1
/52.1	-XP5	39	39	-X2		12	/52.0
/59.2	-XP5	40	40	-X1		68	/59.2
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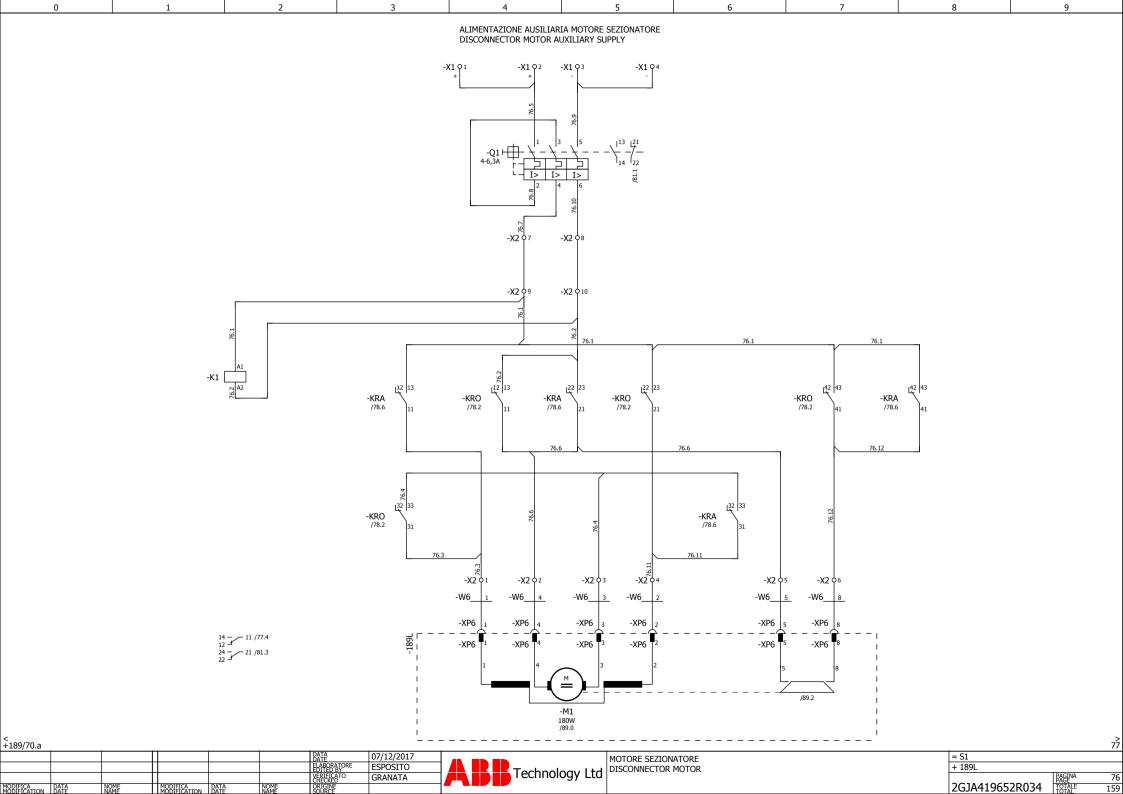
7 9 2 8 SCHEMA CABLAGGIO **CABLE DIAGRAM** NOME CAVO COMANDO SEZIONATORE | TIPO CAVO =S1+189-W6 FG70H2M1 CABLE NAME DISCONNECTOR COMMAND CABLE TYPE NUMERO CONDUTTORI **SEZIONE** LUNGHEZZA CAVO 1,5 5,9 m N. OF CONDUCTORS **SECTION** CABLE LENGTH DESIGNAZIONE DESTINAZIONE ATTACCO DESIGNAZIONE DESTINAZIONE ATTACCO PAGINA/COLONNA CONDUTTORE PAGINA/COLONNA CONNECTION IN DIREZIONE DI CONNECTION PAGE/COLUMN CONDUCTOR PAGE/COLUMN TARGET DESIGNATION FROM POINT TARGET DESIGNATION TO POINT /51.4 -XP6 1 1 -X2 1 /51.4 /51.5 2 -X2 -XP6 2 4 /51.5 /51.5 3 3 -X2 3 /51.5 -XP6 /51.4 -XP6 4 4 -X2 2 /51.4 /51.6 -XP6 5 5 -X2 5 /51.6 +COM/436.3 6 6 +COM-X2.1 4 +COM/436.1 -XP6 7 +COM/436.3 -XP6 7 +COM-X2.1 7 +COM/436.3 /51.7 -XP6 8 8 -X2 6 /51.7 /52.3 -XP6 9 9 -X1 10 /52.3 /52.3 -XP6 10 10 -X2 14 /52.3 /59.0 11 -X1 61 /59.0 -XP6 11 /59.0 -XP6 12 12 -X1 62 /59.0 13 -X1 65 /59.1 -XP6 13 /59.1 /59.1 -X1 66 -XP6 14 14 /59.1 15 -X1 /59.3 -XP6 15 69 /59.3 /59.3 -X1 70 -XP6 16 16 /59.3 -X1 /58.1 17 /58.1 -XP6 17 33 -X1 /58.1 18 34 /58.1 -XP6 18 /58.2 -XP6 19 19 -X1 37 /58.2 20 -X1 /58.2 -XP6 20 38 /58.2 /58.3 21 21 -X1 41 /58.3 -XP6 /58.3 22 22 -X1 42 /58.3 -XP6 /58.4 -XP6 23 23 -X1 45 /58.4 /58.4 -XP6 24 24 -X1 46 /58.4 /58.5 -XP6 25 25 -X1 49 /58.5 /58.5 -XP6 26 26 -X1 50 /58.5 /59.1 -XP6 27 27 -X1 63 /59.1 70.a 69.a 07/12/2017 SCHEMA CABLAGGIO =S1+189-W6 ESPOSITO + 189 Technology Ltd CABLE DIAGRAM =S1+189-W6 GRANATA 2GJA419652R034 MODIFICATION DATA MODIFICA DATA

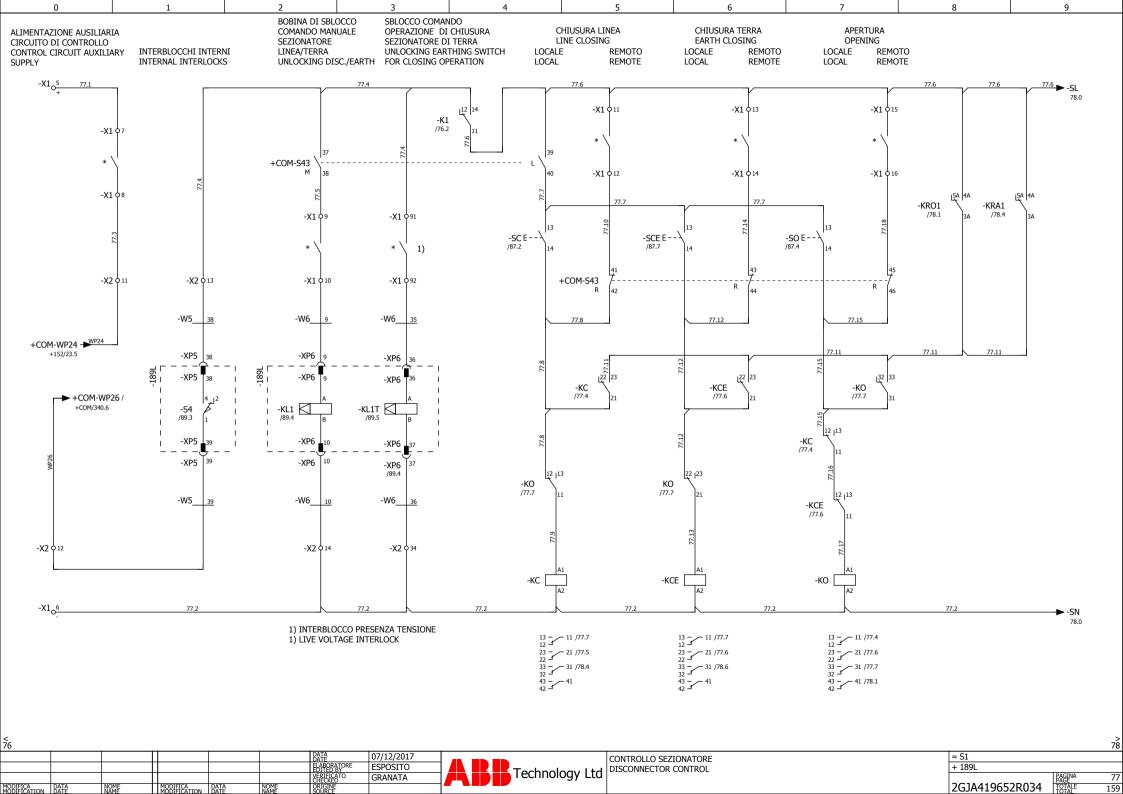
### SCHEMA CABLAGGIO CABLE DIAGRAM

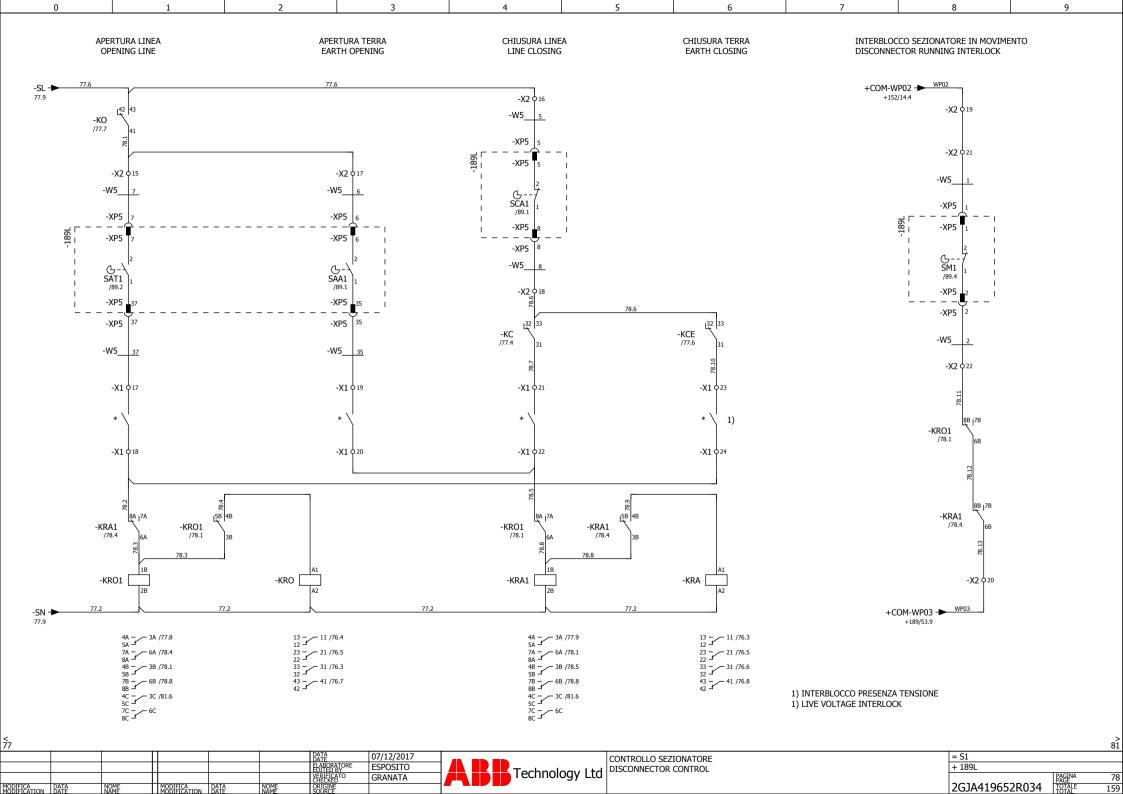
NOME CAVO CABLE NAME = S	1+189-W6			OO SEZIONATORE ECTOR COMMAND		TIPO CAVO CABLE TYPE		
NUMERO CONDUTTOR N. OF CONDUCTORS	I 40		SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	5 U m	
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN	
/59.1	-XP6	28	28	-X1		64	/59.1	
+COM/436.4	-XP6	30	29	+COM-X2.1		6	+COM/436.2	
+COM/436.4	-XP6	31	30	+COM-X2.1		8	+COM/436.4	
/59.5	-XP6	32	31	-X1		79	/59.5	
/59.4	-XP6	33	32	-X1		75	/59.4	
/59.5	-XP6	34	33	-X1		77	/59.5	
/59.4	-XP6	35	34	-X1		73	/59.4	
/63.2	-XP6	36	35				/63.2	
/63.2	-XP6	37	36				/63.2	
/59.5	-XP6	39	37	-X1		80	/59.5	
/59.4	-XP6	40	38	-X1		76	/59.4	
/59.5	-XP6	41	39	-X1		78	/59.5	
/59.4	-XP6	42	40	-X1		74	/59.4	
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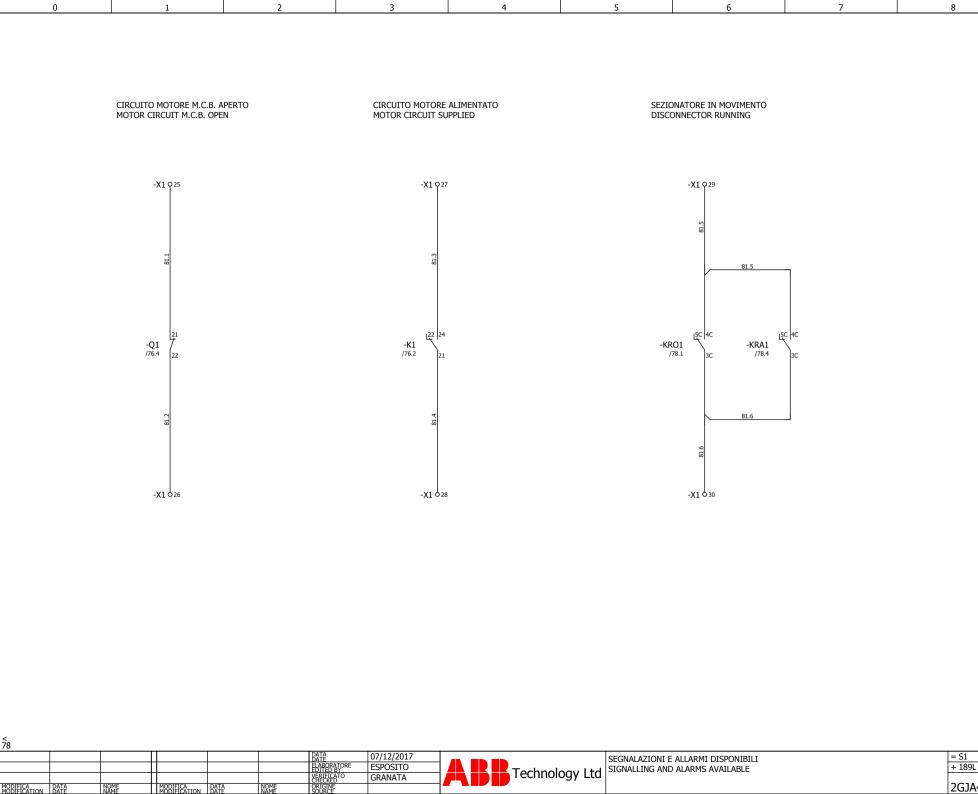


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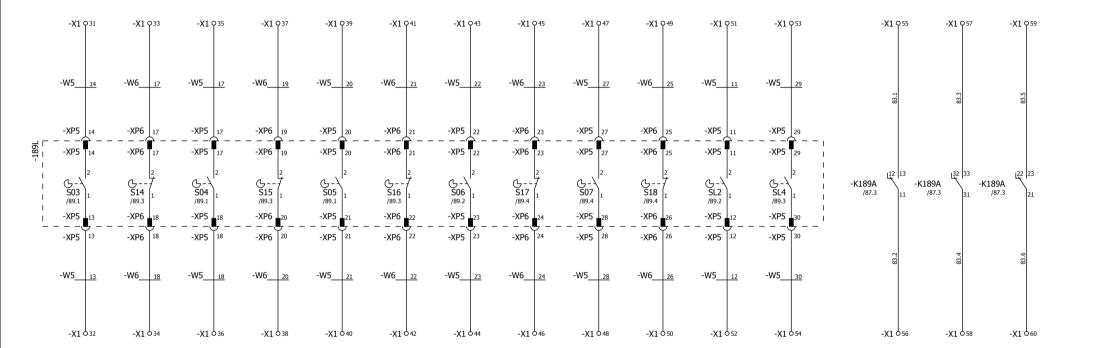






#### CONTATTI AUSILIARI DISPONIBILI LINEA LINE AVAILABLE AUXILIARY CONTACTS

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₹ I SETTAGGI CONTATTI, VEDERE PAGINE 0 1 = 55. FOR CAMS SETTINGS, REFER TO SHEETS 64 E 65. > \_\_\_\_\_84 PER I SETTAGGI CONTATTI, VEDERE PAGINE 64 E 65.

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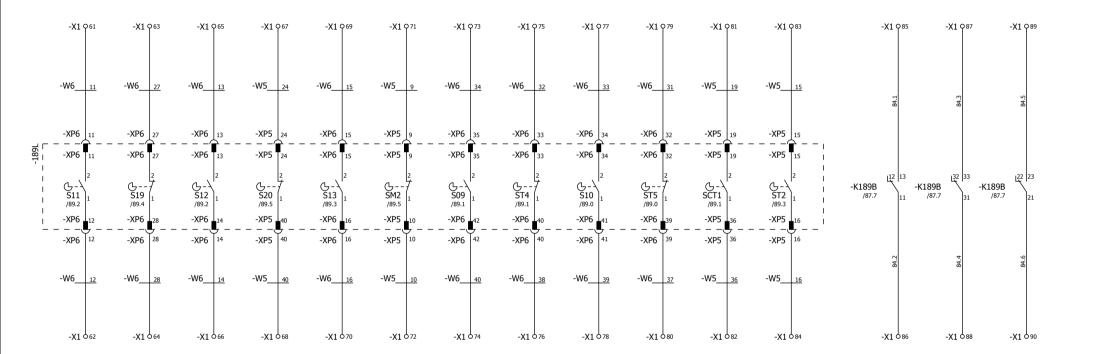
07/12/2017 ESPOSITO GRANATA

CONTATTI AUSILIARI DISPONIBILI LINEA Technology Ltd LINE AVAILABLE AUXILIARY CONTACTS

+ 189L 2GJA419652R034 159

#### CONTATTI AUSILIARI DISPONIBILI TERRA EARTH AVAILABLE AUXILIARY CONTACTS

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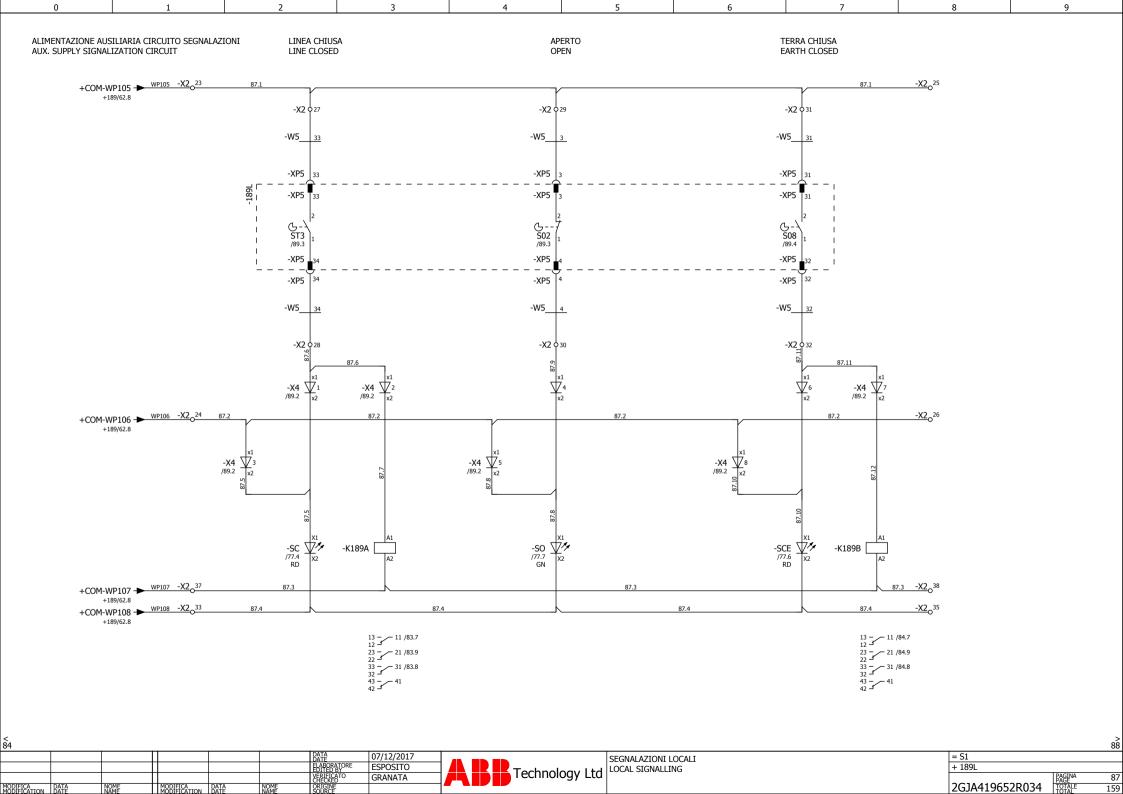
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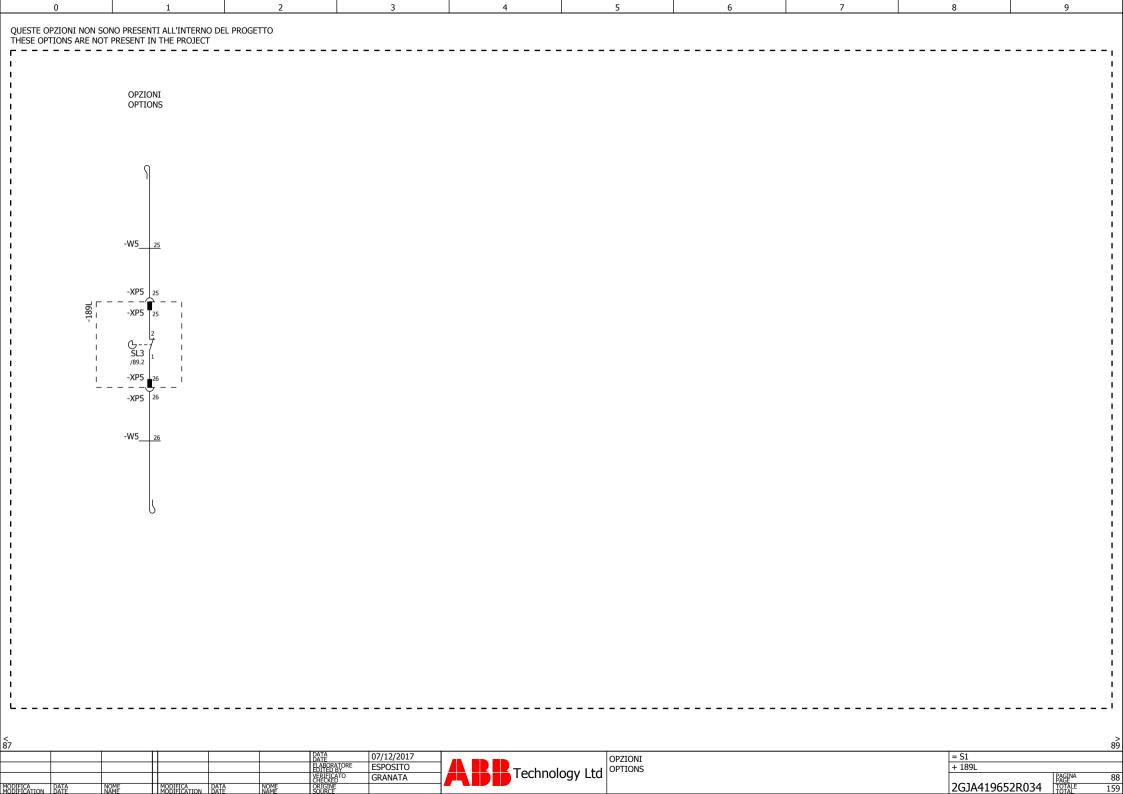
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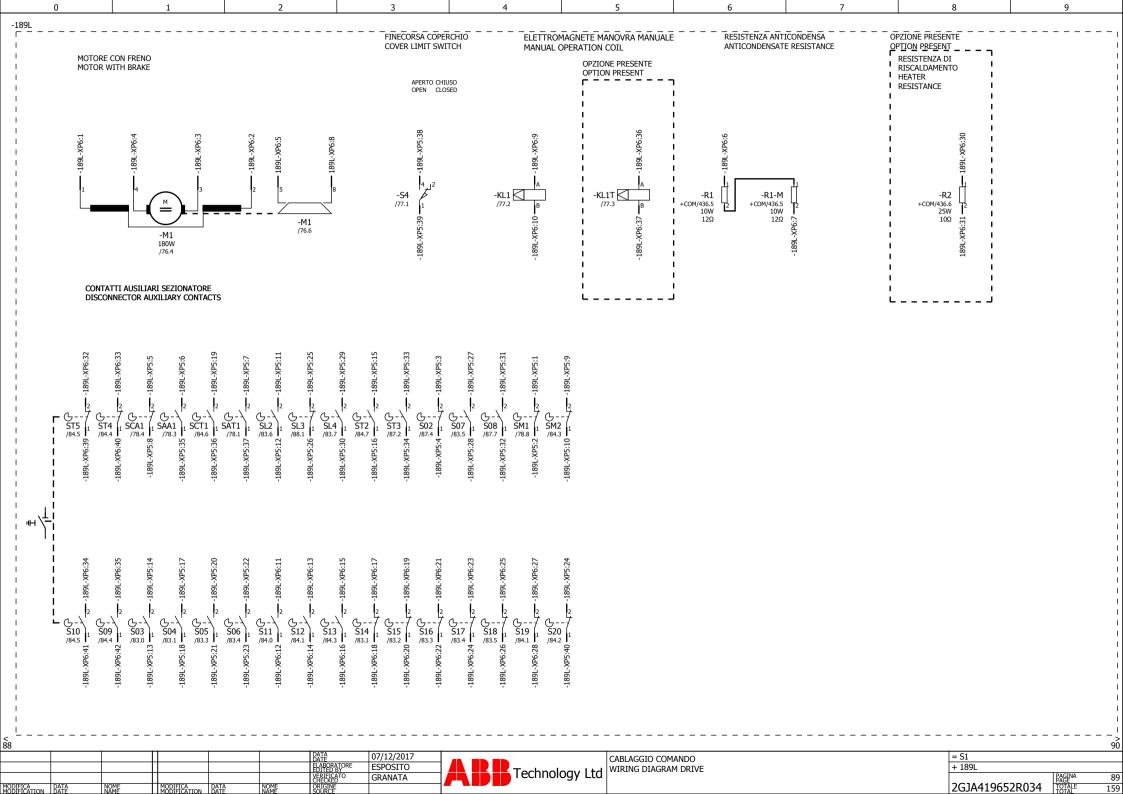
Technology

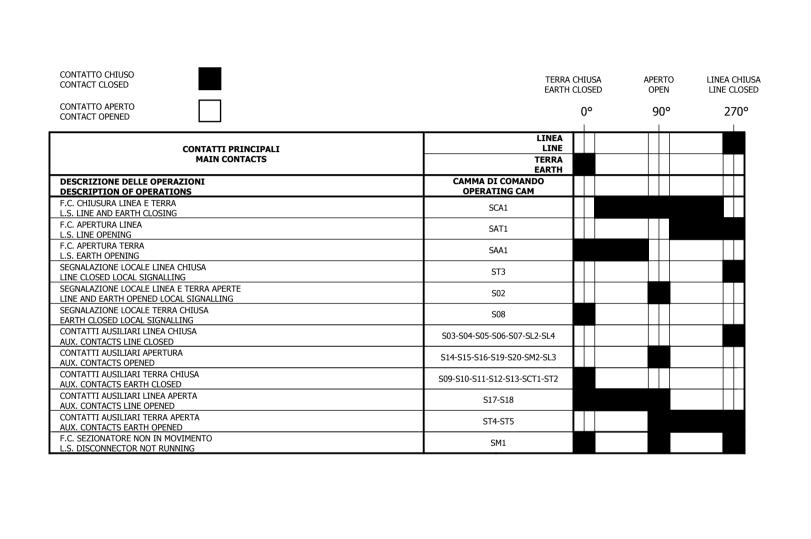
Technology Ltd

+ 189L | BAGINA 84 2GJA419652R034 | TOTALE 159









MODIFICATION DATA

MODIFICA MODIFICATION

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07/12/2017 ESPOSITO GRANATA

Technology Ltd CONTACT OPERATION DIAGRAM

SETTAGGIO CAMME

+ 189L 2GJA419652R034

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9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** TERMINAL STRIP =S1+189L-X1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** LIVELLO LEVE PONTICELLO JUMPER TESTO FUNZIONALE TIPO PAGINA/COLONNA **FUNCTION TEXT** PAGE/COLUMN TYPE ALIMENTAZIONE AUSILIARIA MOTORE SEZIONATORE DISCONNECTOR MOTOR AUXILIARY SUPPLY M6/8 2 M6/8 /76.4 76.5 3 M6/8 76.9 4 /76.5 M6/8 ALIMENTAZIONE AUSILIARIA CIRCUITO DI CONTROLLO M6/8 77.1 CONTROL CIRCUIT AUXILIARY SUPPLY 6 77.2 M6/8 M4/6 77.1 8 77.3 M4/6 M4/6 77.5 9 10 M4/6 CHIUSURA LINEA IN REMOTO 11 M4/6 LINE CLOSING IN REMOTE 77.6 12 /77.5 M4/6 77.10 CHIUSURA TERRA IN REMOTO 13 /77.6 M4/6 EARTH CLOSING IN REMOTE 14 /77.6 M4/6 77.14 APERTURA SEZIONATORE IN REMOTO DISCONNECTOR OPENING IN REMOTE 15 /77.7 M4/6 77.6 16 /77.7 M4/6 77.18 INTERBLOCCHI ESTERNI EXTERNAL INTERLOCK 17 M4/6 /78.1 18 /78.1 M4/6 78.2 19 M4/6 20 M4/6 21 M4/6 78.7 22 M4/6 78.5 INTERBLOCCO ESTERNO PRESENZA TENSIONE VOLTAGE PRESENCE EXTERNAL INTERLOCK 23 M4/6 78.10 24 M4/6 CIRCUITO MOTORE M.C.B. APERTO 25 /81.1 M4/6 MOTOR CIRCUIT M.C.B. OPEN 81.1 26 81.2 M4/6 07/12/2017 SCHEMA MORSETTI =S1+189L-X1 Technology Ltd ESPOSITO + 189L TERMINAL DIAGRAM =S1+189L-X1 GRANATA 2GJA419652R034

9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** TERMINAL STRIP =S1+189L-X1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** MORSETTO
TERMINAL PONTICELLO JUMPER TESTO FUNZIONALE PAGINA/COLONNA TIPO **FUNCTION TEXT** PAGE/COLUMN TYPE CIRCUITO MOTORE ALIMENTATO MOTOR CIRCUIT SUPPLIED 27 M4/6 28 M4/6 81.4 SEZIONATORE IN MOVIMENTO DISCONNECTOR RUNNING 29 M4/6 /81.6 30 M4/6 CONTATTI AUSILIARI DISPONIBILI LINEA LINE AVAILABLE AUXILIARY CONTACTS 14 31 /83.0 M4/6 32 M4/6 33 M4/6 M4/6 17 35 M4/6 18 36 M4/6 37 19 M4/6 20 38 M4/6 39 20 M4/6 21 40 21 41 /83.3 M4/6 22 42 /83.3 M4/6 43 22 /83.4 M4/6 44 M4/6 /83.4 45 /83.4 M4/6 46 M4/6 /83.4 47 M4/6 48 M4/6 49 M4/6 26 50 M4/6 51 11 M4/6 -XP5 12 52 M4/6 53 29 M4/6 30 54 M4/6 55 83.1 M4/6 07/12/2017 ESPOSITO SCHEMA MORSETTI =S1+189L-X1 Technology Ltd + 189L TERMINAL DIAGRAM =S1+189L-X1 GRANATA

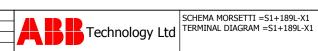
2GJA419652R034

9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** TERMINAL STRIP =S1+189L-X1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** MORSETTO
TERMINAL PONTICELLO JUMPER TESTO FUNZIONALE PAGINA/COLONNA TIPO FUNCTION TEXT PAGE/COLUMN TYPE CONTATTI AUSILIARI DISPONIBILI LINEA LINE AVAILABLE AUXILIARY CONTACTS 56 M4/6 57 M4/6 83.3 58 M4/6 /83.8 59 M4/6 60 M4/6 CONTATTI AUSILIARI DISPONIBILI TERRA EARTH AVAILABLE AUXILIARY CONTACTS M4/6 12 62 M4/6 27 M4/6 28 64 M4/6 13 M4/6 14 66 M4/6 67 M4/6 68 40 M4/6 15 69 16 70 M4/6 71 M4/6 10 72 /84.3 M4/6 73 M4/6 74 M4/6 75 M4/6 76 M4/6 77 M4/6 78 39 M4/6 31 79 M4/6 37 80 M4/6 19 81 M4/6 82 36 M4/6 15 83 M4/6 84 16 M4/6 07/12/2017 ESPOSITO SCHEMA MORSETTI =S1+189L-X1 Technology Ltd + 189L TERMINAL DIAGRAM =S1+189L-X1 GRANATA 2GJA419652R034

### SCHEMA MORSETTI TERMINAL DIAGRAM

	NOME CAVO CABLE NAME	MORSETTIERA TERMINAL STRIP =S1+189L-X1  MORSETTIERA CLIENTE CUSTOMER TERMINAL STRIP						NOME CAVO CABLE NAME	-w6			
TESTO FUNZIONALE FUNCTION TEXT	TIPO CAVO CABLE TYPE	WIKING	CABLAGGIO	MORSETTO TERMINAL	PONTICELLO JUMPER	CABLAGGIO WIRING		TIPO CAVO CABLE TYPE	FG70H2M1	PAGINA/COLON PAGE/COLUM		
CONTATTI AUSILIARI DISPONIBILI TERRA EARTH AVAILABLE AUXILIARY CONTACTS				85		84.1				/84.8	M4/6	
=				86		84.2				/84.8	M4/6	
=				87		84.3				/84.8	M4/6	
=				88		84.4				/84.8	M4/6	
=				89		84.5				/84.9	M4/6	
=				90		84.6				/84.9	M4/6	
INTERBLOCCO ESTERNO PRESENZA TENSIONE VOLTAGE PRESENCE EXTERNAL INTERLOCK				91		77.4				/77.3	M4/6	
=				92					35	/77.3	M4/6	
DISPONIBILE AVAILABLE				93							M4/6	
=				94							M4/6	
=				95				7			M4/6	
=				96				7			M4/6	
=				97				7			M4/6	
=				98				7			M4/6	
=				99				7			M4/6	
=				100							M4/6	

07/12/2017 ESPOSITO GRANATA



= S1 + 189L 2GJA419652R034

SCHEMA MORSETTI **TERMINAL DIAGRAM** MORSETTIERA √5 -W6 TERMINAL STRIP =S1+189L-X2 MORSETTIERA DI APPOGGIO INTERNAL TERMINAL STRIP FG70H2M1 LIVELLO LEVEL MORSETTO TERMINAL PONTICELLO JUMPER PAGINA/COLONNA TIPO PAGE/COLUMN TYPE EN029016100 76.3 4 2 76.6 3 3 EN029016100 76.4 2 4 76.11 76.6 EN029016100 8 6 76.12 76.7 EN029016100 8 76.10 EN029016100 76.1 76.1 10 76.2 76.2 11 EN029016100 WP24 77.3 39 12 /77.0 WP26 38 13 EN029016100 77.4 14 /77.2 77.2 15 EN029016100 78.1 16 77.6 17 EN029016100 18 78.6 19 EN029016100 20 WP03 78.13 21 EN029016100 2 22 78.11 23 EN029016100 WP105 87.1 24 WP106 87.2 25 EN029016100 26 87.2 5 91.c 07/12/2017 ESPOSITO SCHEMA MORSETTI =S1+189L-X2 + 189L Technology Ltd TERMINAL DIAGRAM =S1+189L-X2 GRANATA 2GJA419652R034

## SCHEMA MORSETTI TERMINAL DIAGRAM

-W6	-W5	NOME CAVO	T = MORSE		AL STR . <b>89L-</b> A DI AP	IP	CABLE NAME	NOME CAVO		
FG70H2M1	FG70H2M1	TIPO CAVO	CABLAGGIO WIRING	MORSETTO TERMINAL	JUMPER	CABLAGGIO WIRING	CABLE TYPE	ПРО САУО	PAGINA/CC PAGE/COI	
	33			27	1 •	87.1			/87.2	EN029016100
	34			28	2 .	87.6			/87.2	
	3			29	1				/87.4	EN029016100
	4			30	2	87.9			/87.4	
	31			31	1				/87.7	EN029016100
	32			32	2	87.11			/87.7	
			WP108	33	1 .	87.4			/87.1	EN029016100
36				34	2	77.2			/77.3	
				35	1 .	87.4			/87.8	EN029016100
				36	2					
			WP107	37	1	87.3			/87.1	EN029016100
				38	2	87.3			/87.8	
			[	[1=:]	]					

0 1 2 3 4 5 6 7 8 9

CCHEMA MODEETTI

## SCHEMA MORSETTI TERMINAL DIAGRAM

NOME CAVO CABLE NAME	MORSETTIERA TERMINAL STRIP =S1+189L-X4  MORSETTIERA DI APPOGGIO INTERNAL TERMINAL STRIP						
TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	MORSETTO TERMINAL	PONTICELLO JUMPER	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE	PAGINA/COLONI PAGE/COLUMN	
	87.5	1		87.6		/87.2	M4/6.SB
	87.7	2		87.6		/87.3	M4/6.SB
	87.5	3		87.2		/87.2	M4/6.SB
	87.8	4		87.9		/87.4	M4/6.SB
	87.8	5		87.2		/87.4	M4/6.SB
	87.10	6		87.11		/87.7	M4/6.SB
	87.12	7		87.11		/87.7	M4/6.SB
	87.10	8		87.2		/87.6	M4/6.SB
		[]=E]	]				

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SCHEMA MORSETTI =S1+189L-X4
TERMINAL DIAGRAM =S1+189L-X4

= S1 + 189L 2GJA419652R034

7 8 9 SCHEMA CABLAGGIO CABLE DIAGRAM NOME CAVO COMANDO SEZIONATORE | TIPO CAVO =S1+189L-W5 FG70H2M1 CABLE NAME DISCONNECTOR COMMAND CABLE TYPE NUMERO CONDUTTORI SEZIONE LUNGHEZZA CAVO 1,5 6,2 m N. OF CONDUCTORS **SECTION** CABLE LENGTH DESIGNAZIONE DESTINAZIONE ATTACCO DESIGNAZIONE DESTINAZIONE ATTACCO PAGINA/COLONNA CONDUCTOR PAGINA/COLONNA CONNECTION DA IN DIREZIONE DI CONNECTION

PAGE/COLUMN	DA TARGET DESIGNATION FROM	POINT	CONDUCTOR	TARGET DESIGNATION TO	POINT	PAGE/COLUMN
/78.8	-XP5	1	1	-X2	21	/78.8
/78.8	-XP5	2	2	-X2	22	/78.8
/87.4	-XP5	3	3	-X2	29	/87.4
/87.4	-XP5	4	4	-X2	30	/87.4
/78.4	-XP5	5	5	-X2	16	/78.4
/78.3	-XP5	6	6	-X2	17	/78.3
/78.1	-XP5	7	7	-X2	15	/78.1
/78.4	-XP5	8	8	-X2	18	/78.4
/84.3	-XP5	9	9	-X1	71	/84.3
/84.3	-XP5	10	10	-X1	72	/84.3
/83.6	-XP5	11	11	-X1	51	/83.6
/83.6	-XP5	12	12	-X1	52	/83.6
/83.0	-XP5	13	13	-X1	32	/83.0
/83.0	-XP5	14	14	-X1	31	/83.0
/84.7	-XP5	15	15	-X1	83	/84.7
/84.7	-XP5	16	16	-X1	84	/84.7
/83.1	-XP5	17	17	-X1	35	/83.1
/83.1	-XP5	18	18	-X1	36	/83.1
/84.6	-XP5	19	19	-X1	81	/84.6
/83.3	-XP5	20	20	-X1	39	/83.3
/83.3	-XP5	21	21	-X1	40	/83.3
/83.4	-XP5	22	22	-X1	43	/83.4
/83.4	-XP5	23	23	-X1	44	/83.4
/84.2	-XP5	24	24	-X1	67	/84.2
/88.1	-XP5	25	25			/88.1
/88.1	-XP5	26	26			/88.1
/83.5	-XP5	27	27	-X1	47	/83.5
DATA NOME	MODIFICA DATA NOM MODIFICATION DATE NAME	DATA DATE ELABORAT ELABORAT ELABORAT VERIFICAT ORIGINE SOURCE	07/12/20 ORE ESPOSITION GRANATA		nology Ltd	SCHEMA CABLAGGIO : CABLE DIAGRAM =S1-

= S1 + 189L -189L-W5 L-W5 2GJA419652R034

94.a

### SCHEMA CABLAGGIO CABLE DIAGRAM

NOME CAVO CABLE NAME = S	1+189L-W5			OO SEZIONATORE ECTOR COMMAND	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTOR N. OF CONDUCTORS	I 40		SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	6 / m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/83.5	-XP5	28	28	-X1		48	/83.5
/83.7	-XP5	29	29	-X1		53	/83.7
/83.7	-XP5	30	30	-X1		54	/83.7
/87.7	-XP5	31	31	-X2		31	/87.7
/87.7	-XP5	32	32	-X2		32	/87.7
/87.2	-XP5	33	33	-X2		27	/87.2
/87.2	-XP5	34	34	-X2		28	/87.2
/78.3	-XP5	35	35	-X1		19	/78.3
/84.6	-XP5	36	36	-X1		82	/84.6
/78.1	-XP5	37	37	-X1		17	/78.1
/77.1	-XP5	38	38	-X2		13	/77.1
/77.1	-XP5	39	39	-X2		12	/77.0
/84.2	-XP5	40	40	-X1		68	/84.2
			SH			_	



7 9 2 8 SCHEMA CABLAGGIO **CABLE DIAGRAM** NOME CAVO COMANDO SEZIONATORE | TIPO CAVO =S1+189L-W6 FG70H2M1 CABLE NAME DISCONNECTOR COMMAND CABLE TYPE NUMERO CONDUTTORI **SEZIONE** LUNGHEZZA CAVO 1,5 6,2 m N. OF CONDUCTORS **SECTION** CABLE LENGTH DESIGNAZIONE DESTINAZIONE ATTACCO DESIGNAZIONE DESTINAZIONE ATTACCO PAGINA/COLONNA CONDUTTORE PAGINA/COLONNA CONNECTION IN DIREZIONE DI CONNECTION PAGE/COLUMN CONDUCTOR PAGE/COLUMN TARGET DESIGNATION FROM POINT TARGET DESIGNATION TO POINT /76.4 -XP6 1 1 -X2 1 /76.4 /76.5 2 -X2 -XP6 2 4 /76.5 /76.5 3 3 -X2 3 /76.5 -XP6 /76.4 -XP6 4 4 -X2 2 /76.4 /76.6 -XP6 5 5 -X2 5 /76.6 +COM/436.5 6 6 +COM-X2.1 7 +COM/436.3 -XP6 7 +COM/436.5 -XP6 7 +COM-X2.1 9 +COM/436.5 /76.7 -XP6 8 8 -X2 6 /76.7 /77.2 -XP6 9 9 -X1 10 /77.2 /77.2 -XP6 10 10 -X2 14 /77.2 11 -X1 61 /84.0 /84.0 -XP6 11 /84.0 -XP6 12 12 -X1 62 /84.0 13 -X1 65 /84.1 -XP6 13 /84.1 -X1 66 /84.1 -XP6 14 14 /84.1 15 -X1 /84.3 -XP6 15 69 /84.3 -X1 70 /84.3 -XP6 16 16 /84.3 -X1 /83.1 17 -XP6 17 33 /83.1 -X1 /83.1 18 34 /83.1 -XP6 18 /83.2 -XP6 19 19 -X1 37 /83.2 20 -X1 /83.2 -XP6 20 38 /83.2 /83.3 21 21 -X1 41 /83.3 -XP6 /83.3 22 22 -X1 42 /83.3 -XP6 /83.4 -XP6 23 23 -X1 45 /83.4 /83.4 -XP6 24 24 -X1 46 /83.4 /83.5 -XP6 25 25 -X1 49 /83.5 /83.5 -XP6 26 26 -X1 50 /83.5 27 /84.1 -XP6 27 -X1 63 /84.1 < 94.a 07/12/2017 SCHEMA CABLAGGIO =S1+189L-W6 ESPOSITO + 189L Technology Ltd CABLE DIAGRAM =S1+189L-W6 GRANATA 2GJA419652R034 MODIFICATION DATA MODIFICA DATA

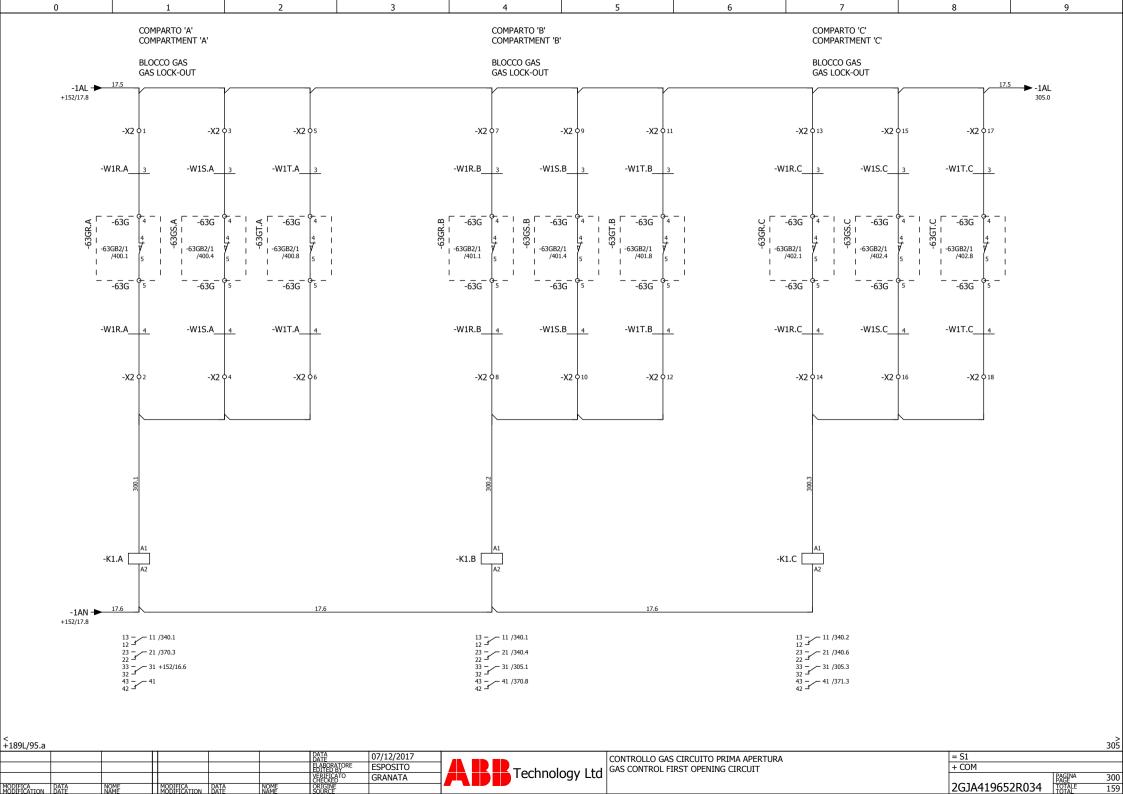
### SCHEMA CABLAGGIO CABLE DIAGRAM

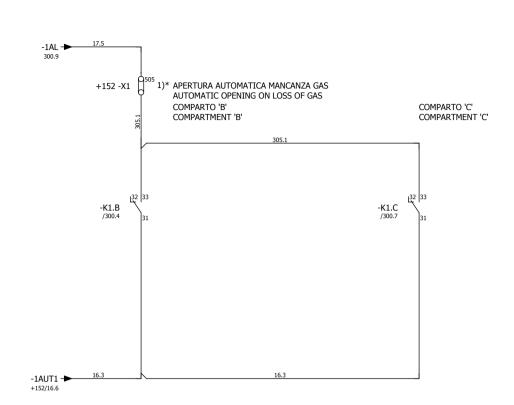
NOME CAVO CABLE NAME = S			OO SEZIONATORE ECTOR COMMAND	TIPO CAVO CABLE TYP	EC-70H JM1		
NUMERO CONDUTTORI N. OF CONDUCTORS	I 40		SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	6 / m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/84.1	-XP6	28	28	-X1		64	/84.1
+COM/436.6	-XP6	30	29	+COM-X2.1		8	+COM/436.4
+COM/436.6	-XP6	31	30	+COM-X2.1		10	+COM/436.6
/84.5	-XP6	32	31	-X1		79	/84.5
/84.4	-XP6	33	32	-X1		75	/84.4
/84.5	-XP6	34	33	-X1		77	/84.5
/84.4	-XP6	35	34	-X1		73	/84.4
/77.3	-XP6	36	35	-X1		92	/77.3
/77.3	-XP6	37	36	-X2		34	/77.3
/84.5	-XP6	39	37	-X1		80	/84.5
/84.4	-XP6	40	38	-X1		76	/84.4
/84.5	-XP6	41	39	-X1		78	/84.5
/84.4	-XP6	42	40	-X1		74	/84.4
			SH				



= S1 + 189L

+COM/300





300

- 1) CON PONTICELLO SI REALIZZA L'APERTURA AUTOMATICA SENZA PONTICELLO SI REALIZZA L'INIBIZIONE DELL'APERTURA 1) WITH BRIDGE IN, THE AUTOMATIC OPENING WILL OCCUR WITHOUT BRIDGE THE AUTOMATIC OPENING IS PREVENTED

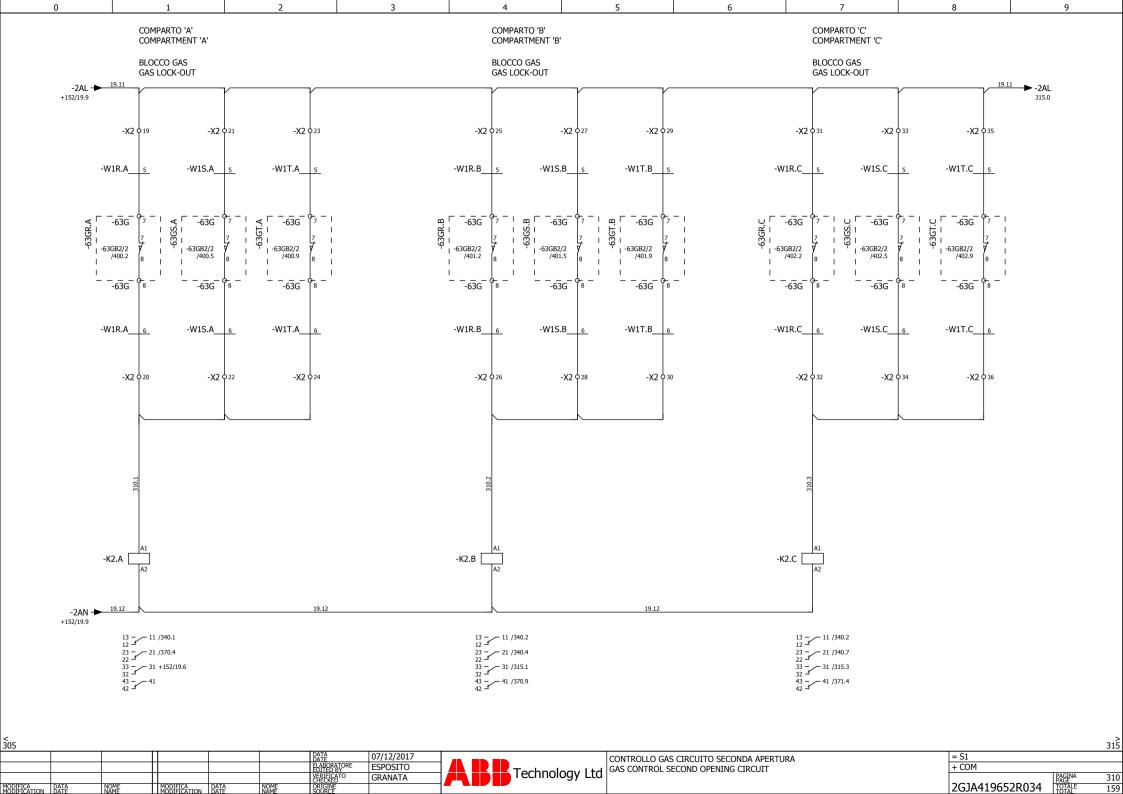
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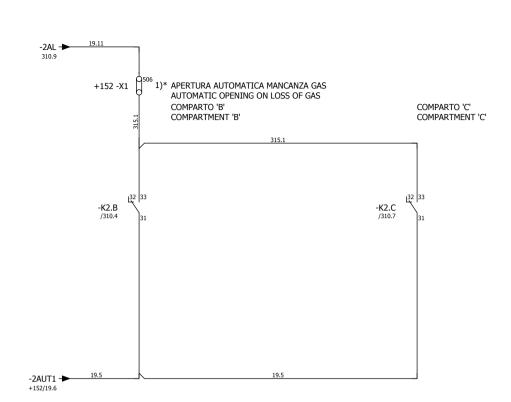
Technology Ltd CONTROLLO GAS CIRCUITO PRIMA APERTURA GAS CONTROL FIRST OPENING CIRCUIT

= S1 + COM 2GJA419652R034 310

305 159

8





310

- 1) CON PONTICELLO SI REALIZZA L'APERTURA AUTOMATICA SENZA PONTICELLO SI REALIZZA L'INIBIZIONE DELL'APERTURA 1) WITH BRIDGE IN, THE AUTOMATIC OPENING WILL OCCUR WITHOUT BRIDGE THE AUTOMATIC OPENING IS PREVENTED

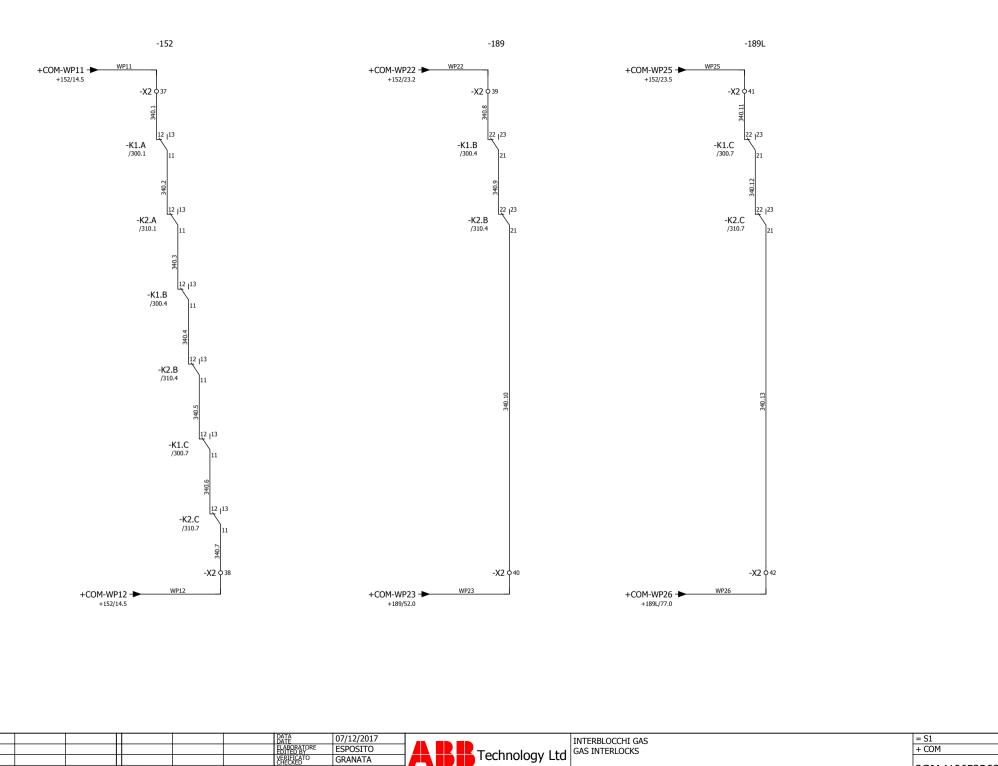
07/12/2017 ESPOSITO GRANATA

Technology Ltd CONTROLLO GAS CIRCUITO SECONDA APERTURA GAS CONTROL SECOND OPENING CIRCUIT

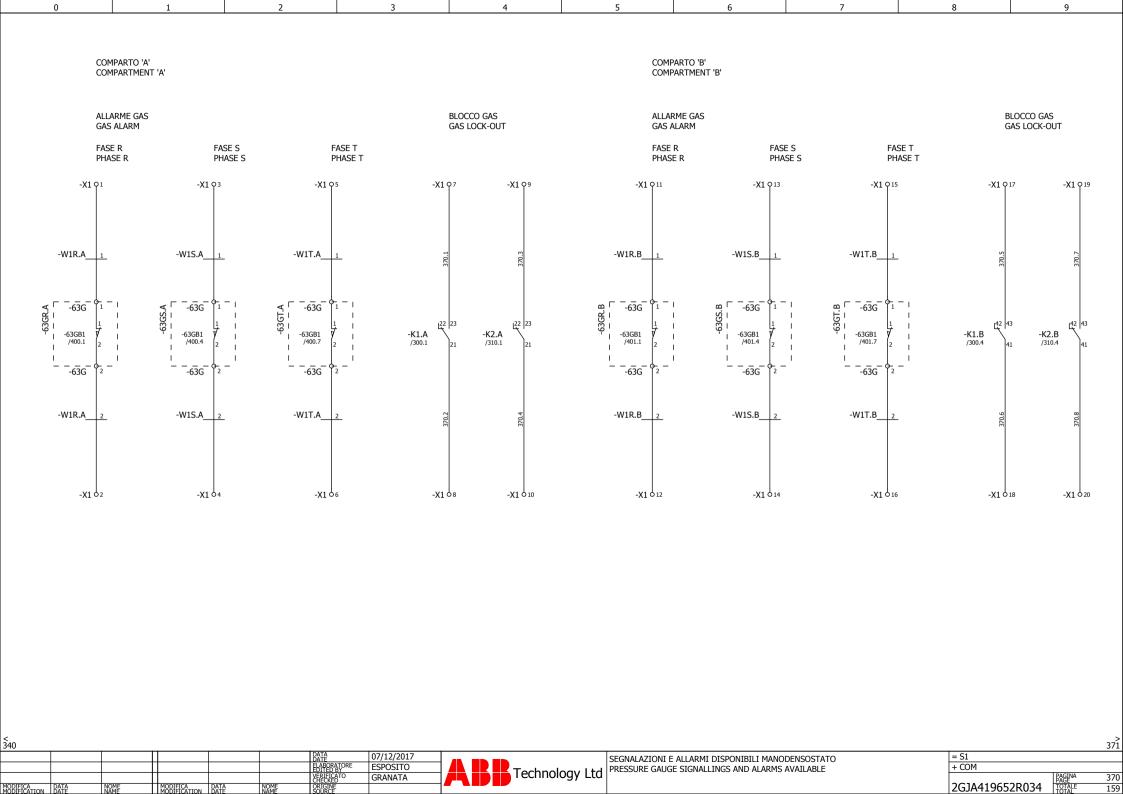
= S1 + COM 2GJA419652R034 340

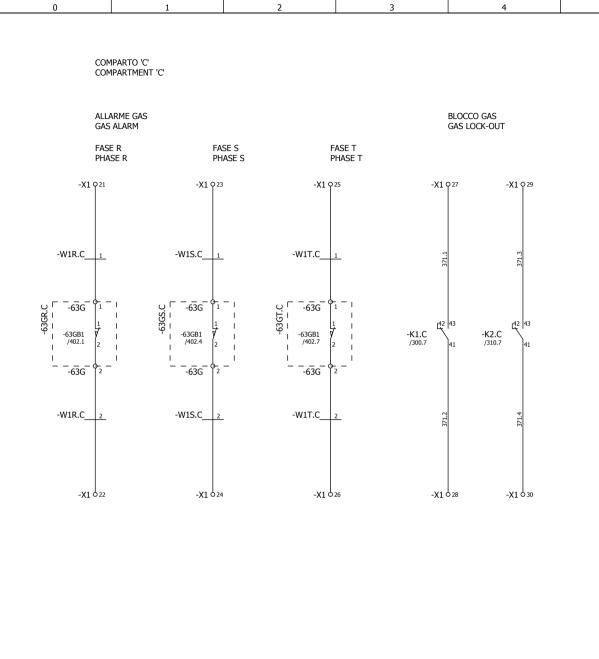
315 159

8



159 2GJA419652R034





07/12/2017 ESPOSITO

GRANATA

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Technology Ltd | SEGNALAZIONI E ALLARMI DISPONIBILI MANODENSOSTATO PRESSURE GAUGE SIGNALLINGS AND ALARMS AVAILABLE = S1 + COM

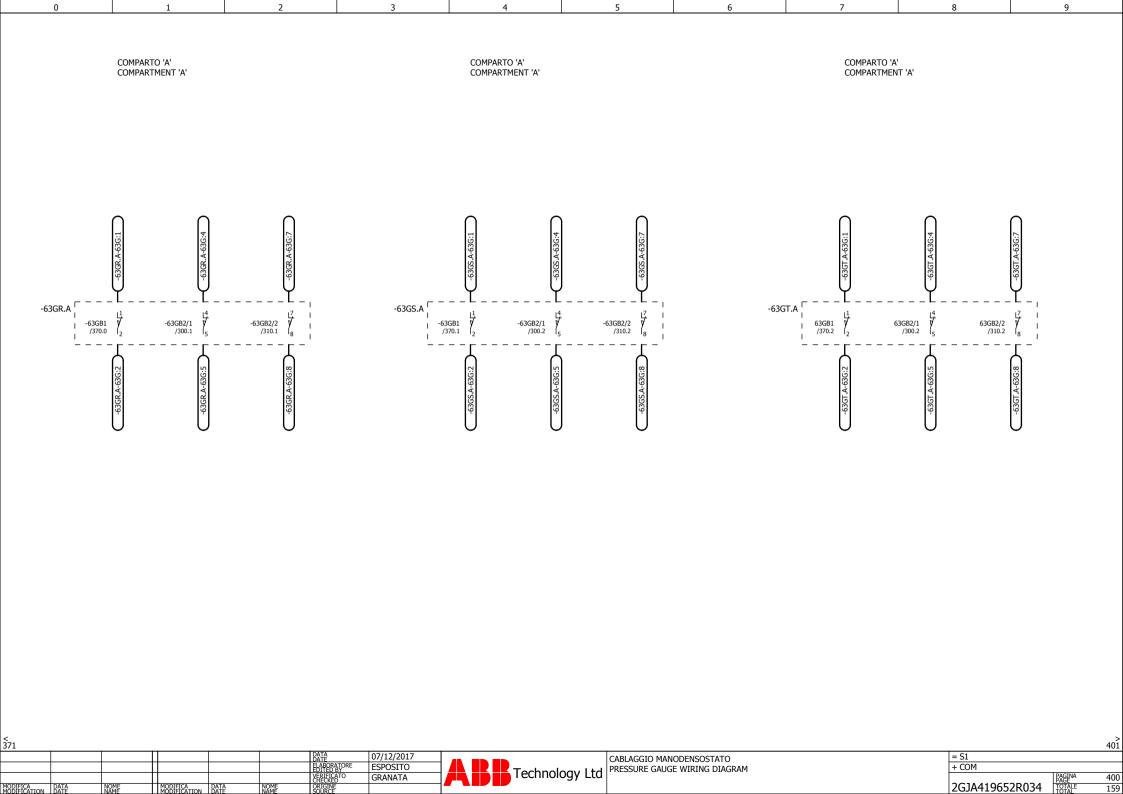
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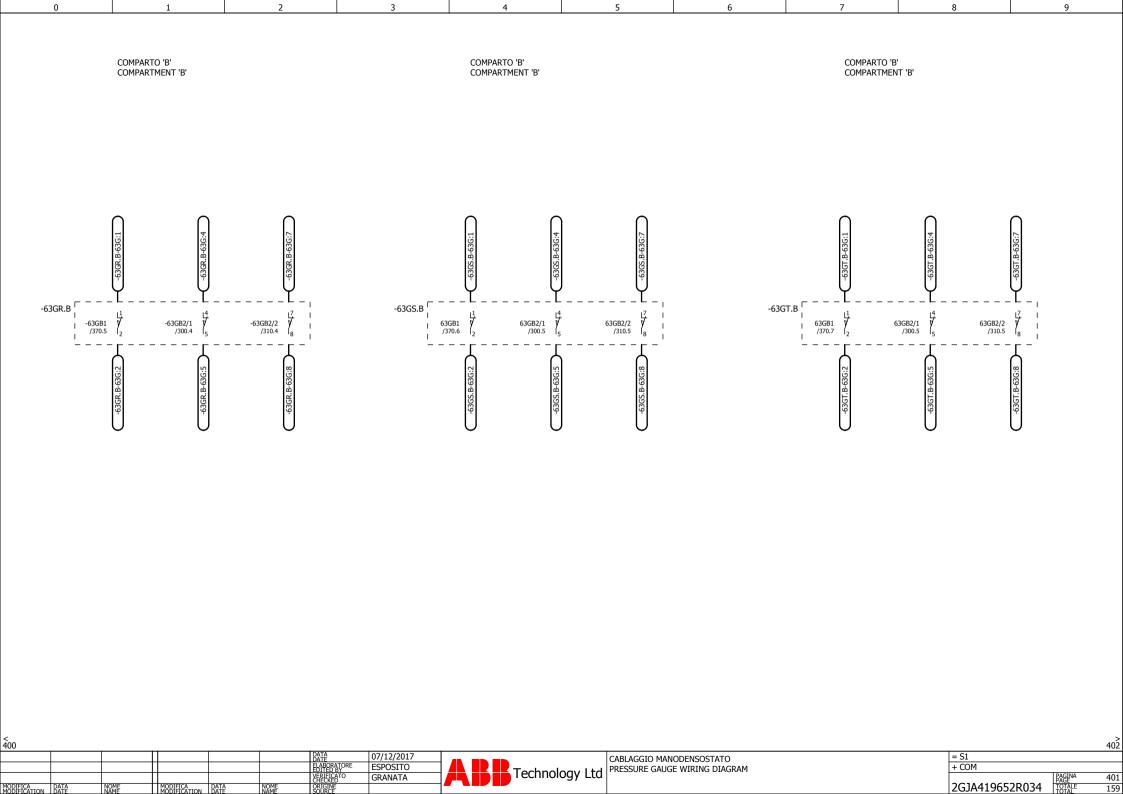
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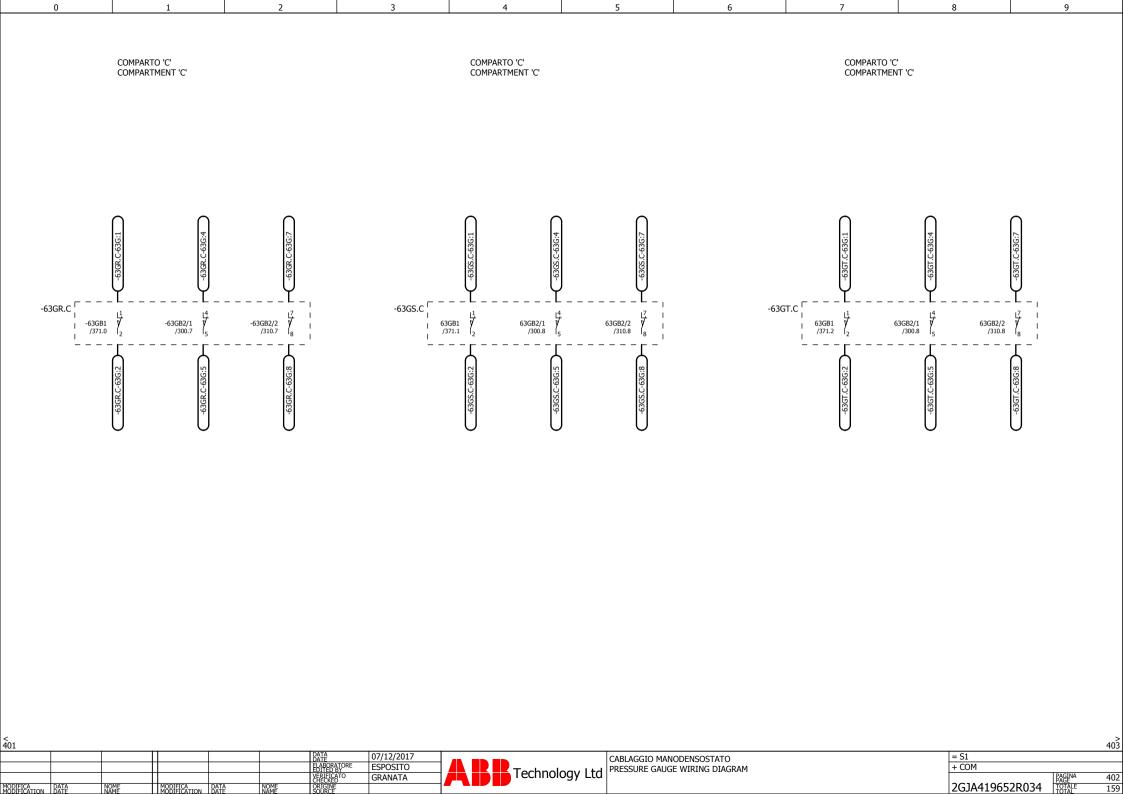
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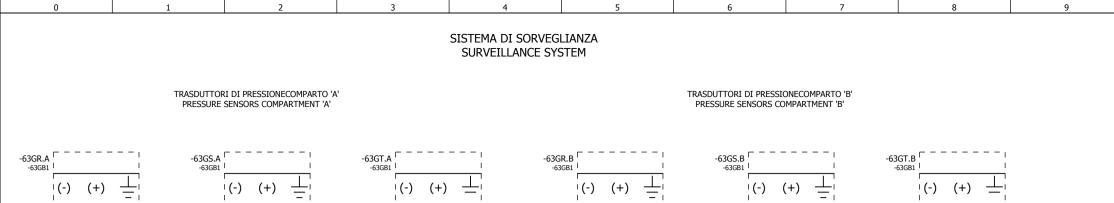
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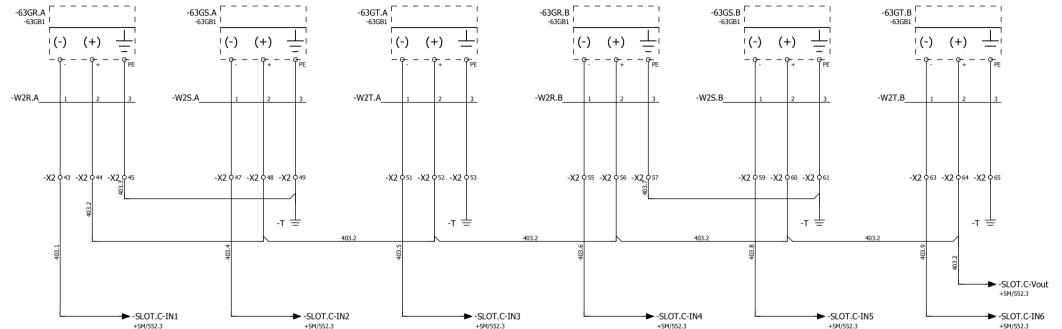
371 159 2GJA419652R034

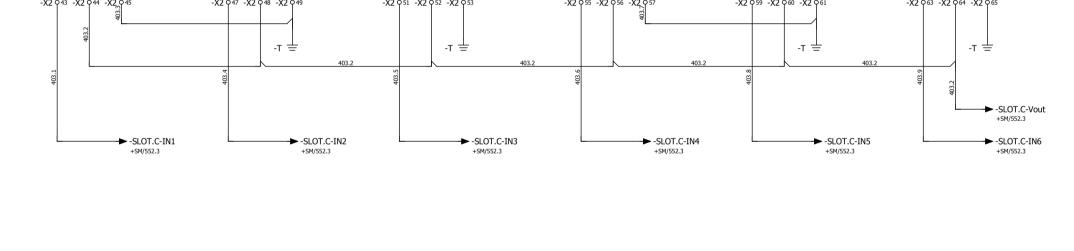








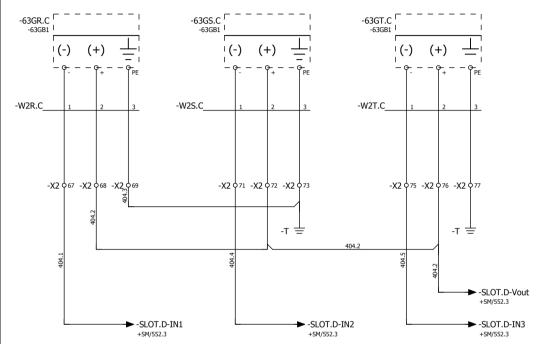




40<del>4</del> **4**02 07/12/2017 ESPOSITO SISTEMA DI MONITORAGGIO TBL Technology Ltd TBL MONITORING SYSTEM + COM GRANATA 2GJA419652R034 MODIFICATION DATA 159 0 2 5 7 8 9

#### SISTEMA DI SORVEGLIANZA SURVEILLANCE SYSTEM

#### TRASDUTTORI DI PRESSIONECOMPARTO 'C' PRESSURE SENSORS COMPARTMENT 'C'

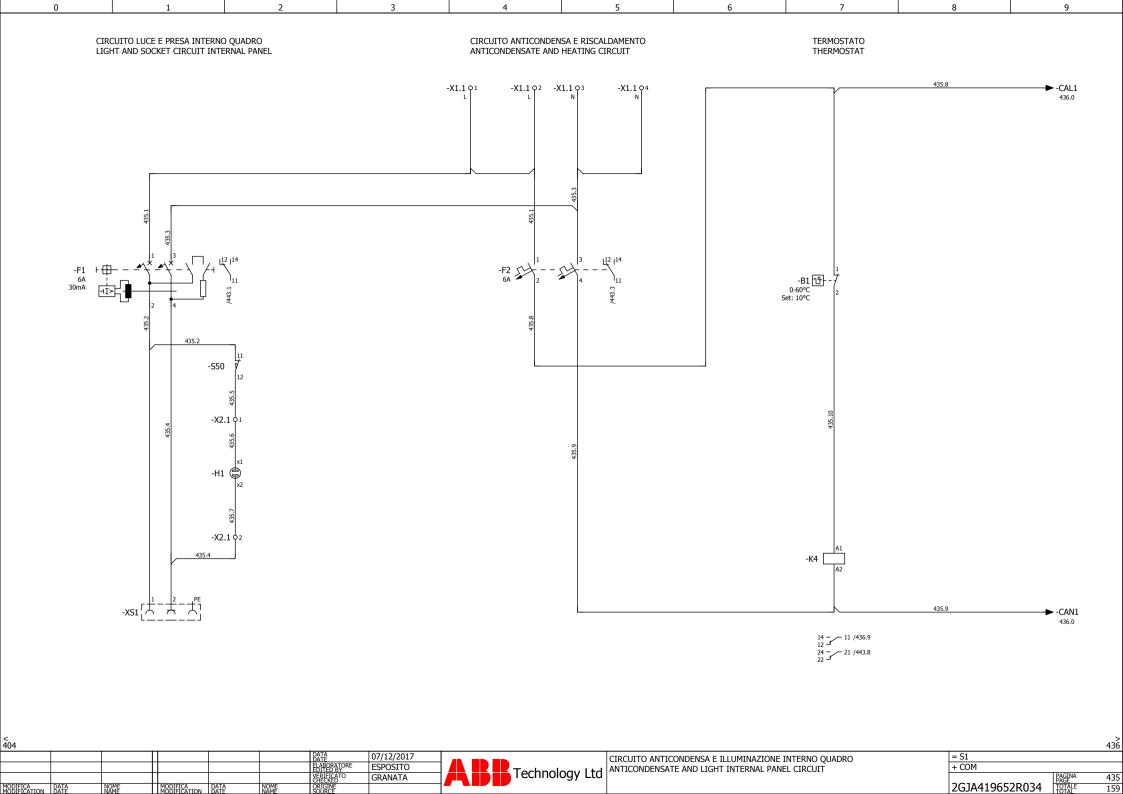


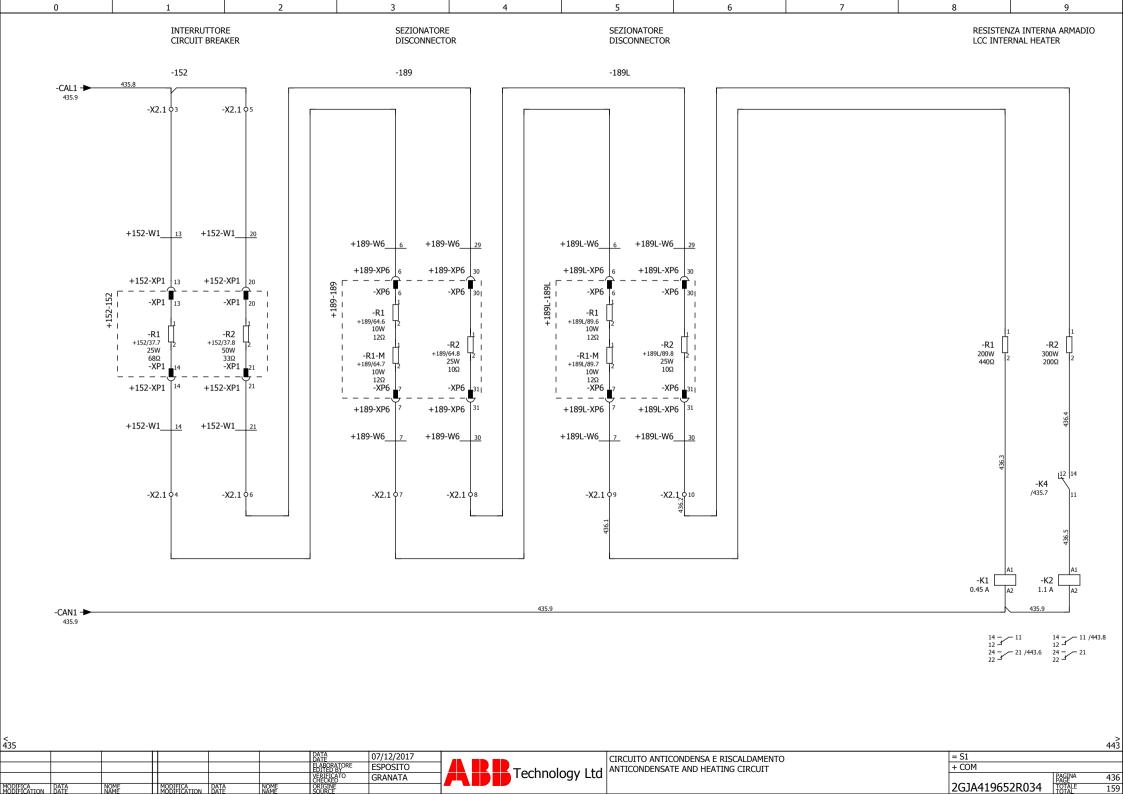
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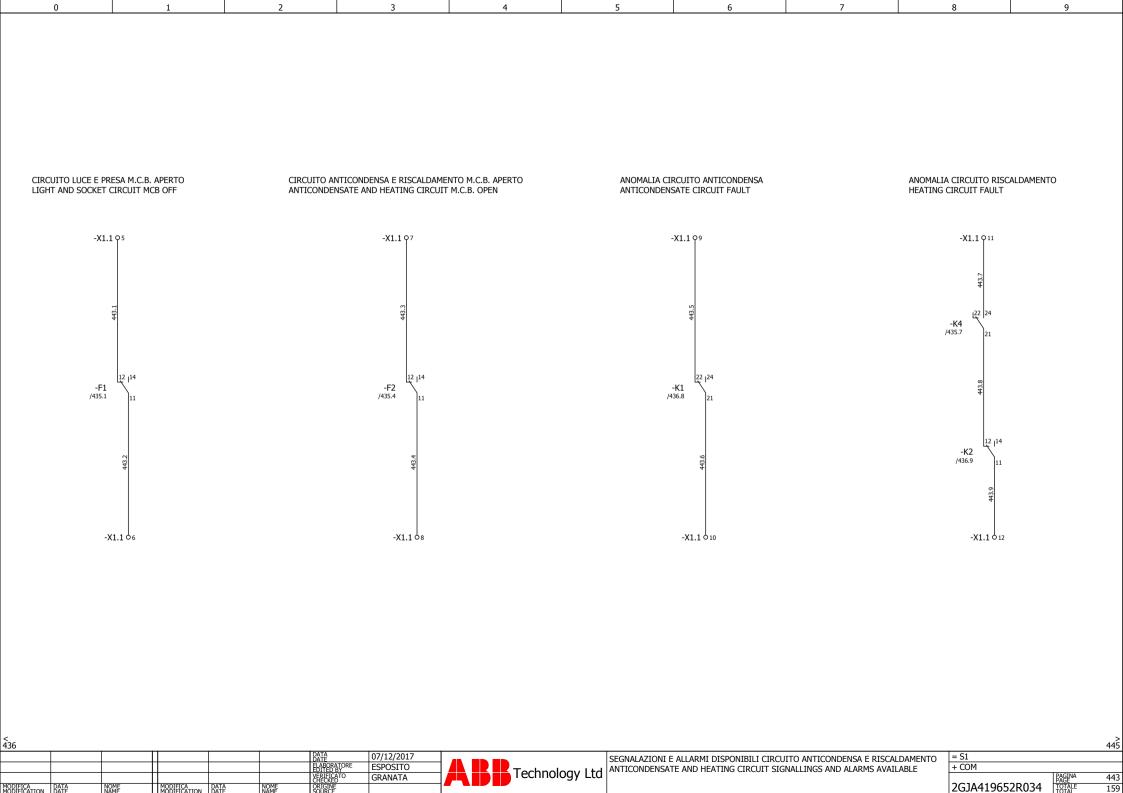
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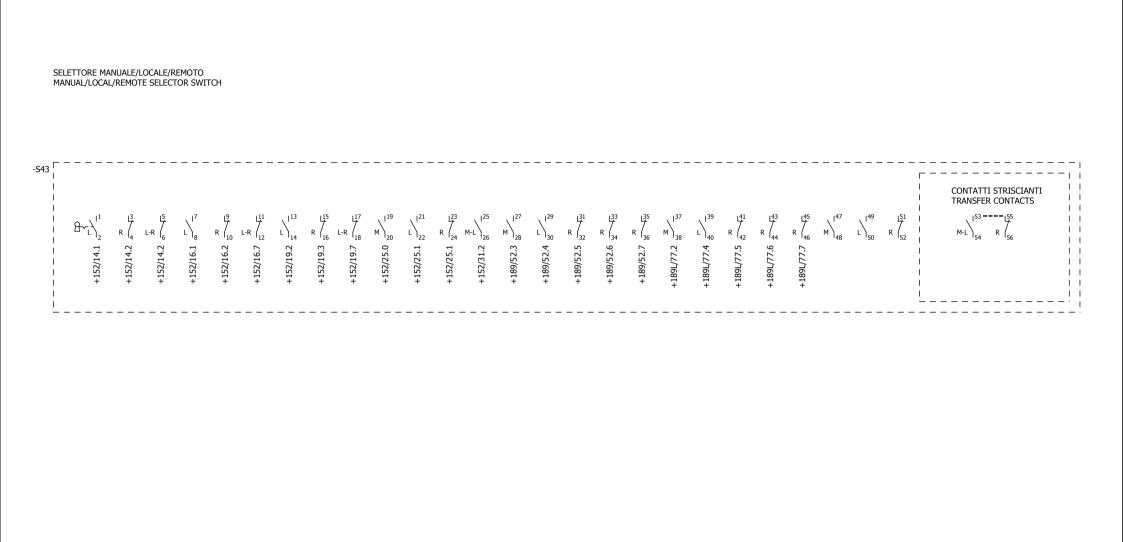
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ESPOSITO			P	Tachnalagy
GRANATA				Technology Lt

SISTEMA DI MONITORAGGIO TBL \_td | TBL MONITORING SYSTEM









Technology Ltd SOMMARIO SELETTORE SELECTOR SWITCH OVERVIEW

07/12/2017 ESPOSITO GRANATA

0

2GJA419652R034 FAGEN 445

= S1 + COM 9

	NOME CAVO CABLE NAME	TE = S MORS	ERMINA S1+C SETTIE	TTIERA AL STRIP <b>OM-X1</b> RA CLIEN RMINAL S	TE	NOME CAVO CABLE NAME	-WIR.A	-WIT.A	-W1R.B		
TESTO FUNZIONALE FUNCTION TEXT	TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	MORSETTO TERMINAL	PONTICELLO JUMPER	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE	FG70H2M1	FG7OH2M1	FG70H2M1	PAGINA/COLON PAGE/COLUMI	
			[]=[]								
FASE R PHASE R			1	•			1			/370.0	M4/6
=			2				2			/370.0	M4/6
FASE S PHASE S			3					1		/370.1	M4/6
=			4					2		/370.1	M4/6
FASE T PHASE T			5					1		/370.2	M4/6
=			6					2		/370.2	M4/6
BLOCCO GAS GAS LOCK-OUT			7		370.1					/370.4	M4/6
=			8		370.2					/370.4	M4/6
=			9		370.3					/370.4	M4/6
=			10		370.4					/370.4	M4/6
FASE R PHASE R			11						1	/370.5	M4/6
= = = = = = = = = = = = = = = = = = =			12						2	/370.5	M4/6



07/12/2017 ESPOSITO GRANATA

				CABLE NAME	C	T = MOR	ERMIN S1+C SETTIE	TTIERA AL STRIP OM-X1 RA CLIEN RMINAL S	TE	NOME CAVO CABLE NAME	-W1S.B	-W1T.B	-W1R.C	-W1S.C		
TESTO FUNZIONALE FUNCTION TEXT				TIPO CAVO CABLE TYPE		CABLAGGIO WIRING	MORSETTO TERMINAL	PONTICELLO JUMPER	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE	FG7OH2M1	FG7OH2M1	FG7OH2M1	FG70H2M1	PAGINA/COLON PAGE/COLUMI	
FASE S PHASE S							13	•			1				/370.6	M4/6
=							14				2				/370.6	M4/6
FASE T PHASE T							15					1			/370.7	M4/6
=							16	•				2			/370.7	M4/6
BLOCCO GAS GAS LOCK-OUT							17	•	370.5						/370.8	M4/6
=							18	•	370.6						/370.8	M4/6
=							19	•	370.7						/370.9	M4/6
=							20		370.8						/370.9	M4/6
FASE R PHASE R							21	•					1		/371.0	M4/6
=							22						2		/371.0	M4/6
FASE S PHASE S							23	•						1	/371.1	M4/6

Technology Ltd | SCHEMA MORSETTI =S1+COM-X1 | TERMINAL DIAGRAM =S1+COM-X1

0 1 2 3 4 5 6 7 8 9

# SCHEMA MORSETTI TERMINAL DIAGRAM

			NOME CAVO CABLE NAME	= MOI	S1+	NAL CC IERA	TIERA STRIP <b>)M-X1</b> A CLIEN <sup>T</sup> MINAL S	ГΕ	COULT INVITE	NOME CAVO	-WIT.C		
TESTO FUNZIONALE FUNCTION TEXT			TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	MORSETTO TERMINAL	LIVELLO LEVEL	PONTICELLO JUMPER	CABLAGGIO WIRING	STORE :	TIPO CAVO	FG70H2M1	PAGINA/COLON PAGE/COLUMI	
FASE T PHASE T					25						1	/371.2	M4/6
=					26		•				2	/371.2	M4/6
BLOCCO GAS GAS LOCK-OUT					27		•	371.1				/371.4	M4/6
=					28		•	371.2				/371.4	M4/6
=					29			371.3				/371.4	M4/6
=					30			371.4				/371.4	M4/6

< 446.a

	NOME CAVO CABLE NAME	=\$ MOI	S1+C0 RSETTIE	TTIERA AL STRIP <b>)M-X1.</b> RA CLIEN RMINAL S	TE	NOME CAVO CABLE NAME		
TESTO FUNZIONALE FUNCTION TEXT	TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	MORSETTO TERMINAL	PONTICELLO	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE	PAGINA/COLON PAGE/COLUM	
			[]=E]					
CIRCUITO ANTICONDENSA E RISCALDAMENTO ANTICONDENSATE AND HEATING CIRCUIT			1		435.1		/435.4	M6/8
=			2		435.1		/435.4	M6/8
=			3		435.3		/435.5	M6/8
=			4				/435.5	M6/8
				i				
CIRCUITO LUCE E PRESA M.C.B. APERTO LIGHT AND SOCKET CIRCUIT MCB OFF			5		443.1		/443.1	M4/6
=			6		443.2		/443.1	M4/6
CIRCUITO ANTICONDENSA E RISCALDAMENTO M.C.B. APERTO ANTICONDENSATE AND HEATING CIRCUIT M.C.B. OPEN			7		443.3		/443.3	M4/6
=			8		443.4		/443.3	M4/6
ANOMALIA CIRCUITO ANTICONDENSA ANTICONDENSATE CIRCUIT FAULT			9		443.5		/443.6	M4/6
=			10		443.6		/443.6	M4/6
ANOMALIA CIRCUITO RISCALDAMENTO HEATING CIRCUIT FAULT			11		443.7		/443.8	M4/6
=			12		443.9		/443.8	M4/6

[]=E]

< 446.b



-W1S.C	-W1R.C	-W1T.B	-W1S.B	-W1R.B	-W1T.A	-W1S.A	-WIR.A	•	T = ORSE	MORSI FERMIN S1+( ETTIER NAL TE	VAL S COI A DI	STRIP <b>M-X2</b> : APPO	GGIO	CABLE NAME	NOME CAVO		
FG7OH2M1	FG70H2M1	FG7OH2M1	FG7OH2M1	FG70H2M1	FG70H2M1	FG70H2M1	FG70H2M1		CABLAGGIO WIRING			PONTICELLO JUMPER	CABLAGGIO WIRING	CABLE TYPE	TIPO CAVO	PAGINA/COLON PAGE/COLUMI	
									[	[1=1]							
							3			1	1	•	17.5			/300.1	EN029016100
							4			2	2	•	300.1			/300.1	
						3				3	1	•				/300.2	EN029016100
						4				4	2					/300.2	
					3					5	1	. ∳I				/300.2	EN029016100
					4					6	2					/300.2	
				3						7	1	•				/300.4	EN029016100
				4						8	2	•	300.2			/300.4	
			3							9	1					/300.5	EN029016100
			4							10	2					/300.5	
		3								11	1	$\downarrow$				/300.5	EN029016100
		4								12	2	1				/300.5	
	3									13	1	$\downarrow$				/300.7	EN029016100
	4									14	2	•	300.3			/300.7	
3										15	1	Ţ				/300.8	EN029016100
	1										-					 1	1

07/12/2017 ESPOSITO GRANATA



-WIRC	-W1T.B	-W1S.B	-W1R.B	-WIT.A	-WIR.A	-W1T.C	NOME CAVO CABLE NAME	Т	S1+	NAL CC	STRIP )M-X2 DI APPO	<u>Q</u> GGIO	CABLE NAME	NOME CAVO		
FG70Н2М1	FG7OH2M1	FG7OH2M1	FG7OH2M1	FG70H2M1	FG7OH2M1	FG70H2M1	TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	MORSETTO TERMINAL	LIVELLO LEVEL	PONTICELLO JUMPER	CABLAGGIO WIRING	CABLE TYPE	ПРО САVO	PAGINA/COLON PAGE/COLUMI	
						3			17	1	II	17.5			/300.8	EN029016100
						4			18	2					/300.8	
					5				19	1	•	19.11			/310.1	EN029016100
					6				20	2	•	310.1			/310.1	
					5				21	1	+				/310.2	EN029016100
					5				22	2					/310.2	
				5					23	1	- 11				/310.2	EN029016100
				6					24	2					/310.2	
			5						25	1	$\rightarrow$				/310.4	EN029016100
			6						26	2	1	310.2			/310.4	
		5							27	1	$\dashv$				/310.5	EN029016100
		6							28	2	_∏•				/310.5	
	5								29	1	$\exists L$				/310.5	EN029016100
	6								30	2	1				/310.5	
5									31	1	ı				/310.7	EN029016100

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9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** -W2R.B -W2S.A -W1T.C TERMINAL STRIP =S1+COM-X2 MORSETTIERA DI APPOGGIO INTERNAL TERMINAL STRIP FG7OH2M1 LIVELLO LEVEL MORSETTO TERMINAL PONTICELLO JUMPER TIPO PAGINA/COLONNA PAGE/COLUMN TYPE 5 33 EN029016100 34 /310.8 35 EN029016100 19.11 /310.8 36 /310.8 37 /340.1 EN029016100 340.7 EN029016100 340.8 WP23 340.10 WP25 41 /340.6 EN029016100 340.11 WP26 42 340.13 43 403.1 EN029016100 44 403.2 45 EN029016100 403.3 46 47 /403.2 EN029016100 403.4 48 /403.2 403.2 3 49 /403.2 EN029016100 50 51 /403.3 EN029016100 403.5 52 /403.3 53 /403.4 EN029016100 54 55 403.6 /403.5 EN029016100 2 56 403.2 /403.5 3 57 EN029016100 403.7 58 59 EN029016100 403.8 2 60 403.2 3 61 EN029016100 448.c < 448.a 07/12/2017 ESPOSITO SCHEMA MORSETTI =S1+COM-X2 + COM Technology Ltd TERMINAL DIAGRAM =S1+COM-X2 GRANATA 2GJA419652R034

		-WZ1.c	-W25.C	-W2R.C	-W2T.B	NOME CAVO CABLE NAME	= MORS	TER =S1 SETT	MINA L+C( IERA	TIERA STRIP OM-X2 DI APPO MINAL S	GGIO	NOME CAVO CABLE NAME				
		דהבטחבא	TA2012X	FR20H2R	FR20H2R	TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	TERMINAL	LIVELLO LEVEL  MORSETTO	PONTICELLO JUMPER	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE			PAGINA/COLONI PAGE/COLUMN	
								6	5 <b>2</b> 2							
					1			6	5 <b>3</b> 1		403.9				/403.8	EN029016100
					2			-	<b>54</b> 2		403.2				/403.8	
					3			-	55 1						/403.8	EN029016100
								-	5 <b>6</b> 2			1				
				1				_	5 <b>7</b> 1		404.1	i i			/404.0	EN029016100
				2		1			58 2		404.2	i i			/404.0	
				3					59 1		404.3	1			/404.1	EN029016100
									70 2	•	101.3	1 1			,	
			1						71 1	•	404.4	1 1			/404.2	EN029016100
			2	_					72 2			1 1			/404.2	EN023010100
			3		+	+			73 1	•	404.2	<del> </del>		+	/404.2	EN029016100
			+		+	+			74 2	•		1			/ 10 1.2	L14023010100
		1								•		<del> </del>			/404.3	ENIO20016100
		2	_		+	-			75 1	•	404.5	<del> </del>			•	EN029016100
			_		+			_	76 2	•	404.2				/404.3	
		3			+	-		7	77 1	•					/404.4	EN029016100

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< 448.b



		+189L-W6	+189-W6	+152-W1	NOME CAVO	T S=S IORSE	1+C	NAL S OM A DI	IERA STRIP 1-X2. APPOC INAL ST	GGIO	NOME CAVO CABLE NAME	+189-W6	+189L-W6			
		FG70H2M1	FG70H2M1	FG7OH2M1	TIPO CAVO CABLE TYPE	CABLAGGIO WIRING	MORSETTO TERMINAL	LIVELLO LEVEL	PONTICELLO JUMPER	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE	FG70H2M1	FG70H2M1		PAGINA/COLONI PAGE/COLUMN	
						435.6	1	1		435.5					/435.2	EN029016100
						435.7	2	2		435.4					/435.2	
				13			3	1	•	435.8					/436.1	EN029016100
				14			4	2				6			/436.1	
				20			5	1	l l						/436.2	EN029016100
				21			6	2				29			/436.2	
			7				7	1					6		/436.3	EN029016100
			30				8	2	•				29		/436.4	
		7					9	1		436.1					/436.5	EN029016100
		30					10	2		436.2					/436.6	

< 448.c



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NOME CAVO CABLE NAME =S:	1+COM-W1R.A			ANODENSOSTATO PRESSURE GAUGE	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTOR: N. OF CONDUCTORS	I 7		SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	5 m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	E DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/370.0	-X1	1	1	-63GR.A-63G		1	/370.0
/370.0	-X1	2	2	-63GR.A-63G		2	/370.0
/300.1	-X2	1	3	-63GR.A-63G		4	/300.1
/300.1	-X2	2	4	-63GR.A-63G		5	/300.1
/310.1	-X2	19	5	-63GR.A-63G		7	/310.1
/310.1	-X2	20	6	-63GR.A-63G		8	/310.1
			7		·-		
			SH				

44	9	

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NOME CAVO CABLE NAME = S	1+COM-W1R.B			ANODENSOSTATO PRESSURE GAUGE	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTOR N. OF CONDUCTORS	I 7		SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	6 5 m l
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/370.5	-X1	11	1	-63GR.B-63G		1	/370.5
/370.5	-X1	12	2	-63GR.B-63G		2	/370.5
/300.4	-X2	7	3	-63GR.B-63G		4	/300.4
/300.4	-X2	8	4	-63GR.B-63G		5	/300.4
/310.4	-X2	25	5	-63GR.B-63G		7	/310.4
/310.4	-X2	26	6	-63GR.B-63G		8	/310.4
			7				
			SH				



NOME CAVO CABLE NAME =S:	1+COM-W1R.C			NODENSOSTATO PRESSURE GAUGE	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTORI N. OF CONDUCTORS 7			SEZIONE SECTION	15		LUNGHEZZA CABLE LENG	6 / m l
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/371.0	-X1	21	1	-63GR.C-63G		1	/371.0
/371.0	-X1	22	2	-63GR.C-63G		2	/371.0
/300.7	-X2	13	3	-63GR.C-63G		4	/300.7
/300.7	-X2	14	4	-63GR.C-63G		5	/300.7
/310.7	-X2	31	5	-63GR.C-63G		7	/310.7
/310.7	-X2	32	6	-63GR.C-63G		8	/310.7
			7				
			SH				



0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

NOME CAVO CABLE NAME =S:	1+COM-W1S.A			NODENSOSTATO PRESSURE GAUGE	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTORI N. OF CONDUCTORS 7			SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	45 m l
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	E DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/370.1	-X1	3	1	-63GS.A-63G		1	/370.1
/370.1	-X1	4	2	-63GS.A-63G		2	/370.1
/300.2	-X2	3	3	-63GS.A-63G		4	/300.2
/300.2	-X2	4	4	-63GS.A-63G		5	/300.2
/310.2	-X2	21	5	-63GS.A-63G		7	/310.2
/310.2	-X2	22	6	-63GS.A-63G		8	/310.2
			7	_	·-		
			SH				

NOME CAVO CABLE NAME =S:	1+COM-W1S.B			ANODENSOSTATO PRESSURE GAUGE	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTORI N. OF CONDUCTORS 7			SEZIONE 1,5			LUNGHEZZA CABLE LENG	5 4 m l
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/370.6	-X1	13	1	-63GS.B-63G		1	/370.6
/370.6	-X1	14	2	-63GS.B-63G		2	/370.6
/300.5	-X2	9	3	-63GS.B-63G		4	/300.5
/300.5	-X2	10	4	-63GS.B-63G		5	/300.5
/310.5	-X2	27	5	-63GS.B-63G		7	/310.5
/310.5	-X2	28	6	-63GS.B-63G		8	/310.5
			7				
			SH				



NOME CAVO CABLE NAME =S1+COM-W1S.C MANODENSOSTATO PRESSURE GAUGE CABLE TYPE FG:							
NUMERO CONDUTTOR N. OF CONDUCTORS	NUMERO CONDUTTORI N. OF CONDUCTORS 7		SEZIONE 1,5			LUNGHEZZA CABLE LENG	5 6 m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	E DI	ATTACCO CONNECTION POINT	Pagina/colonna Page/column
/371.1	-X1	23	1	-63GS.C-63G		1	/371.1
/371.1	-X1	24	2	-63GS.C-63G		2	/371.1
/300.8	-X2	15	3	-63GS.C-63G		4	/300.8
/300.8	-X2	16	4	-63GS.C-63G		5	/300.8
/310.8	-X2	33	5	-63GS.C-63G		7	/310.8
/310.8	-X2	34	6	-63GS.C-63G		8	/310.8
			7	_	·-	·	
			SH		·		



NOME CAVO CABLE NAME =S:	1+COM-W1T.A			NODENSOSTATO PRESSURE GAUGE	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTORI N. OF CONDUCTORS 7			SEZIONE SECTION	1,5		LUNGHEZZA CABLE LENG	5 m l
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/370.2	-X1	5	1	-63GT.A-63G		1	/370.2
/370.2	-X1	6	2	-63GT.A-63G		2	/370.2
/300.2	-X2	5	3	-63GT.A-63G		4	/300.2
/300.2	-X2	6	4	-63GT.A-63G		5	/300.2
/310.2	-X2	23	5	-63GT.A-63G		7	/310.2
/310.2	-X2	24	6	-63GT.A-63G		8	/310.2
			7				
			SH				

NOME CAVO CABLE NAME = S	1+COM-W1T.B			NODENSOSTATO PRESSURE GAUGE	TIPO CAVO		FG70H2M1
NUMERO CONDUTTORI N. OF CONDUCTORS 7			SEZIONE 1,5		LUNGHEZZA CABLE LENG	6 5 m	
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	E DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/370.7	-X1	15	1	-63GT.B-63G		1	/370.7
/370.7	-X1	16	2	-63GT.B-63G		2	/370.7
/300.5	-X2	11	3	-63GT.B-63G		4	/300.5
/300.5	-X2	12	4	-63GT.B-63G		5	/300.5
/310.5	-X2	29	5	-63GT.B-63G		7	/310.5
/310.5	-X2	30	6	-63GT.B-63G		8	/310.5
			7				
			SH				



NOME CAVO CABLE NAME =S:	1+COM-W1T.C		MANODENSOSTATO TIPO CAVO PRESSURE GAUGE CABLE TYPE				FG7OH2M1
NUMERO CONDUTTORI 7 N. OF CONDUCTORS 7			SEZIONE 1,5		LUNGHEZZA CABLE LENG	6 / m l	
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/371.2	-X1	25	1	-63GT.C-63G		1	/371.2
/371.2	-X1	26	2	-63GT.C-63G		2	/371.2
/300.8	-X2	17	3	-63GT.C-63G		4	/300.8
/300.8	-X2	18	4	-63GT.C-63G		5	/300.8
/310.8	-X2	35	5	-63GT.C-63G		7	/310.8
/310.8	-X2	36	6	-63GT.C-63G		8	/310.8
			7				
			SH				

NOME CAVO =S	1+COM-W2R.A	NE COMPARTO 'D'	TIPO CAVO		FR3OH2R3		
NUMERO CONDUTTOR:  N. OF CONDUCTORS	SEZIONE 0.5		0.5	LUNGHE77		5 m l	
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/403.0	-63GR.A	-;-	1	-X2		43	/403.0
/403.0	-63GR.A	+:+	2	-X2		44	/403.0
			3				
			4				
/403.1	-63GR.A	PE:PE	3	-X2		45	/403.1



NOME CAVO CABLE NAME = S	1+COM-W2R.B	SENSOR	SENSORE DI PRESSIONE COMPARTO 'D'			) E	FR20H2R
NUMERO CONDUTTORI N. OF CONDUCTORS 4		SEZIONE 0.5		0.5	LUNGHEZZ CABLE LEN		6 5 m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/403.5	-63GR.B	-:-	1	-X2		55	/403.5
/403.5	-63GR.B	+:+	2	-X2		56	/403.5
			3				
			4				
/403.5	-63GR.B	PE:PE	3	-X2		57	/403.5



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NOME CAVO CABLE NAME = S:	1+COM-W2R.C	NE COMPARTO 'D'	TIPO CAVO		FR20H2R		
NUMERO CONDUTTORI N. OF CONDUCTORS 4		SEZIONE SECTION 0.5		0.5	LUNGHEZZA CABLE LENG		6 / m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/404.0	-63GR.C	-:-	1	-X2		67	/404.0
/404.0	-63GR.C	+:+	2	-X2		68	/404.0
			3				
			4				
/404.1	-63GR.C	PE:PE	3	-X2		69	/404.1



NOME CAVO CABLE NAME =S1+COM-W2S.A SENSORE DI PRESSIONE COMPARTO 'I						) E	FR20H2R
NUMERO CONDUTTOR N. OF CONDUCTORS		SEZIONE SECTION	0.5		LUNGHEZZA CABLE LENG	45 m l	
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	E DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/403.2	-63GS.A	-:-	1	-X2		47	/403.2
/403.2	-63GS.A	+:+	2	-X2		48	/403.2
			3				
			4				
/403.2	-63GS.A	PE:PE	3	-X2		49	/403.2

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NOME CAVO CABLE NAME = S	NE COMPARTO 'D'	TIPO CAVO		FR20H2R			
NUMERO CONDUTTOR N. OF CONDUCTORS		SEZIONE SECTION	0.5		LUNGHEZZA CABLE LENG	5 4 m l	
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DES IN DIREZION TARGET DESIGNA	IE DI	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/403.6	-63GS.B	-:-	1	-X2		59	/403.6
/403.7	-63GS.B	+:+	2	-X2		60	/403.7
			3				
			4				
/403.7	-63GS.B	PE:PE	3	-X2		61	/403.7



NOME CAVO CABLE NAME =S1+COM-W2S.C SENSORE DI PRESSIONE COMPARTO 'D'				TIPO CAVO	ER JUH JU		
NUMERO CONDUTTORI N. OF CONDUCTORS 4			SEZIONE SECTION	0.5		LUNGHEZZA CABLE LENG	5 h m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/404.2	-63GS.C	-:-	1	-X2		71	/404.2
/404.2	-63GS.C	+:+	2	-X2		72	/404.2
			3				
			4				
/404.2	-63GS.C	PE:PE	3	-X2		73	/404.2



NOME CAVO CABLE NAME = S1+COM-W2T.A SENSORE DI PRESSIONE COMPARTO 'D			NE COMPARTO 'D'	TIPO CAVO			
NUMERO CONDUTTORI N. OF CONDUCTORS 4			SEZIONE SECTION	0.5		LUNGHEZZA CAVO CABLE LENGTH	
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/403.3	-63GT.A	-:-	1	-X2		51	/403.3
/403.3	-63GT.A	+:+	2	-X2		52	/403.3
			3				
			4				
/403.4	-63GT.A	PE:PE	3	-X2		53	/403.4



NOME CAVO CABLE NAME = S				TIPO CAVO			
NUMERO CONDUTTORI N. OF CONDUCTORS 4			SEZIONE SECTION	0.5		LUNGHEZZA CAVO CABLE LENGTH 6,	
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	Pagina/colonna Page/column
/403.8	-63GT.B	-:-	1	-X2		63	/403.8
/403.8	-63GT.B	+:+	2	-X2		64	/403.8
			3				
			4				
/403.8	-63GT.B	PE:PE	3	-X2		65	/403.8

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NOME CAVO CABLE NAME = S	SENSOR	SENSURE DI PRESSIONE COMPARIO DE L			) E	FR20H2R	
NUMERO CONDUTTORI N. OF CONDUCTORS 4			SEZIONE SECTION	0.5		LUNGHEZZA CABLE LENG	6 / m l
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/404.3	-63GT.C	-:-	1	-X2		75	/404.3
/404.3	-63GT.C	+:+	2	-X2		76	/404.3
			3				
			4				
/404.4	-63GT.C	PE:PE	3	-X2		77	/404.4

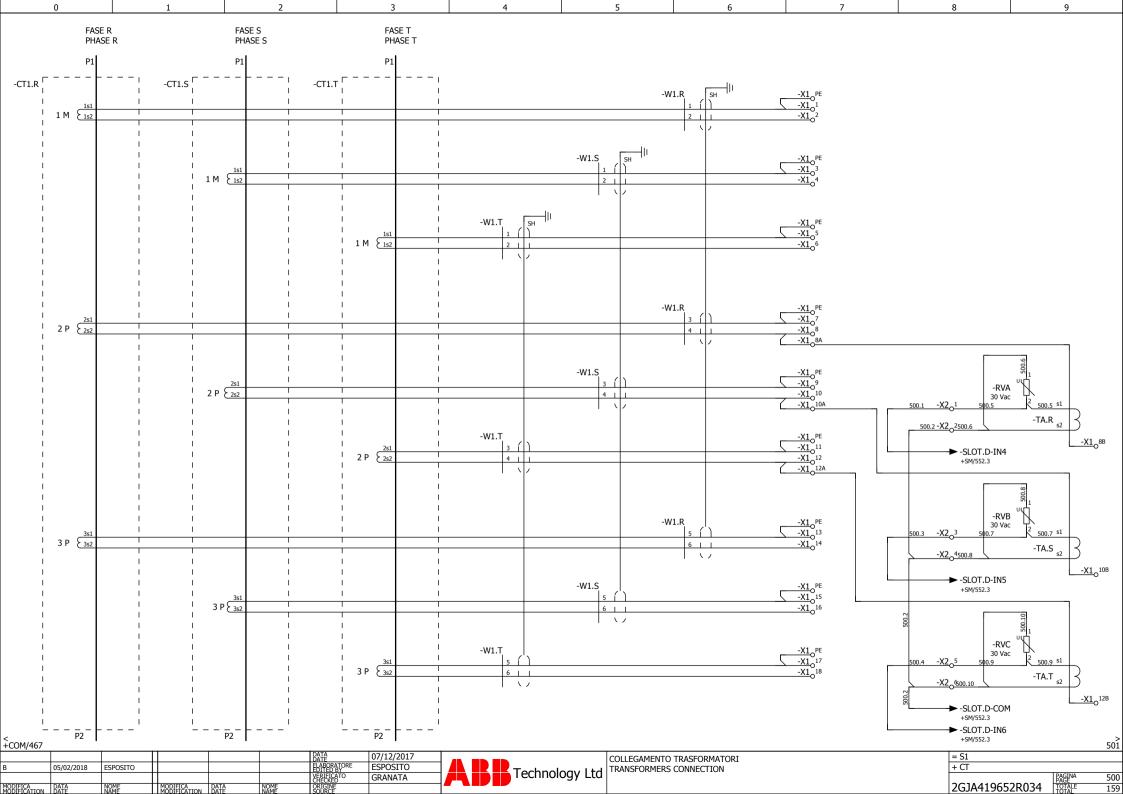
Technology Ltd

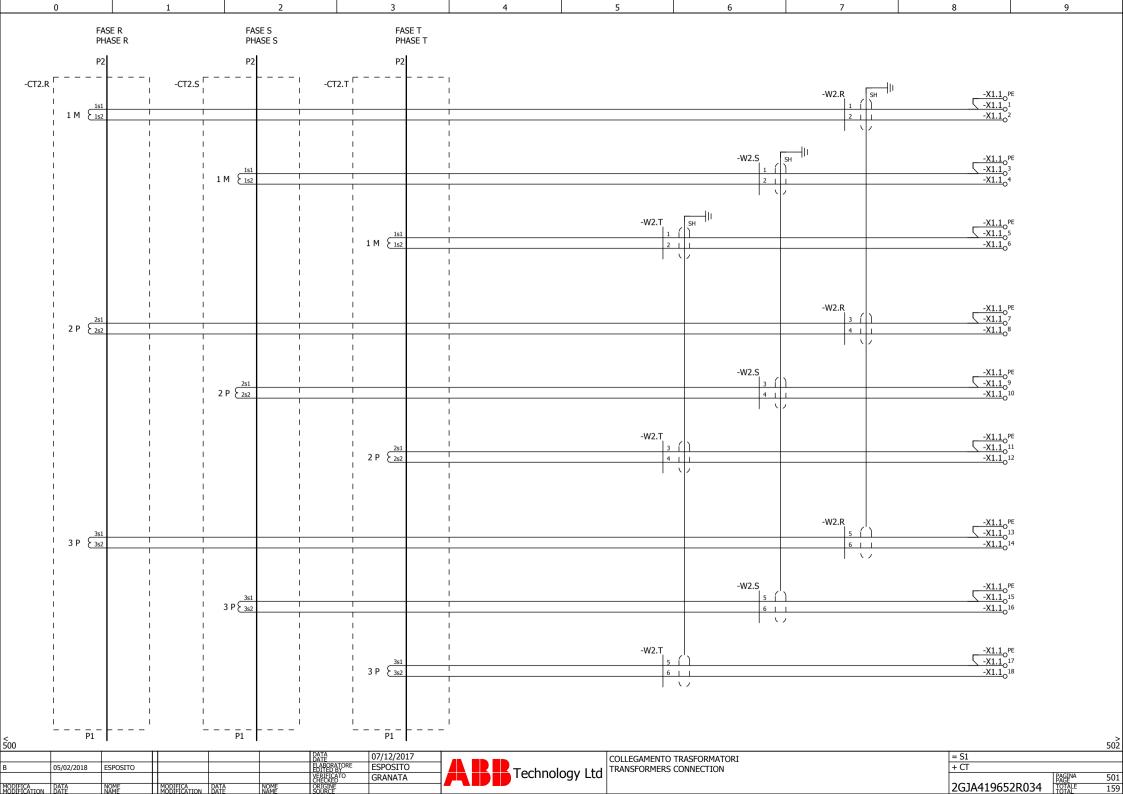
SCHEMA CABLAGGIO =S1+COM-W2T.C

CABLE DIAGRAM =S1+COM-W2T.C 07/12/2017 ESPOSITO GRANATA

= S1 + COM 2GJA419652R034

+CT/500





9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** -W1.T TERMINAL STRIP =S1+CT-X1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** FG7OH2M1 LIVELLO LEVEL MORSETTO TERMINAL PONTICELLO JUMPER TESTO FUNZIONALE TIPO PAGINA/COLONNA FUNCTION TEXT PAGE/COLUMN TYPE FASE R PHASE R PΕ M6/8.ST1.V2 /500.7 M6/8.ST1.V2 2 /500.7 M6/8.ST1.V2 FASE S PHASE S PE /500.7 M6/8.ST1.V2 3 M6/8.ST1.V2 2 4 M6/8.ST1.V2 /500.7 M6/8.ST1.V2 PHASE T 5 /500.7 M6/8.ST1.V2 6 M6/8.ST1.V2 FASE R PΕ M6/8.ST1.V2 M6/8.ST1.V2 8 M6/8.ST1.V2 8A /500.7 M6/8.ST1.V2 8B /500.9 SCB.6/CD FASE S PHASE S PΕ /500.7 M6/8.ST1.V2 M6/8.ST1.V2 /500.7 10 /500.7 M6/8.ST1.V2 FASE R PHASE R 10A /500.7 M6/8.ST1.V2 10B /500.9 SCB.6/CD PΕ /500.7 M6/8.ST1.V2 PHASE T 11 M6/8.ST1.V2 12 M6/8.ST1.V2 12A M6/8.ST1.V2 PHASE R 12B SCB.6/CD FASE R PΕ M6/8.ST1.V2 PHASE R 13 5 M6/8.ST1.V2 07/12/2017 ESPOSITO SCHEMA MORSETTI =S1+CT-X1 Technology Ltd TERMINAL DIAGRAM =S1+CT-X1 GRANATA

2GJA419652R034

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		NOME CAVO CABLE NAME	MC CUST	CABLE NAME	NOME CAVO	-W1.S	-W1.T					
TESTO FUNZIONALE FUNCTION TEXT		TIPO CAVO CABLE TYPE	WIRING	MORSETTO TERMINAL	PONTICELLO JUMPER	CABLAGGIO WIRING	CABLE TYPE	TIPO CAVO	FG7OH2M1	FG70H2M1	PAGINA/COLO PAGE/COLUI	
FASE R PHASE R				14				6			/500.7	M6/8.ST1.V2
FASE S PHASE S				PE	•						/500.7	M6/8.ST1.V2
=				15					5		/500.7	M6/8.ST1.V2
=				16					6		/500.7	M6/8.ST1.V2
FASE T PHASE T				PE	•						/500.7	M6/8.ST1.V2
=				17	l l					5	/500.7	M6/8.ST1.V2
=				18						6	/500.7	M6/8.ST1.V2
				[1=1]								

Technology Ltd | SCHEMA MORSETTI =S1+CT-X1 | TERMINAL DIAGRAM =S1+CT-X1

= S1 + CT 2GJA419652R034

9 SCHEMA MORSETTI TERMINAL DIAGRAM **MORSETTIERA** -W2.T TERMINAL STRIP =S1+CT-X1.1 MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** FG7OH2M1 LIVELLO LEVEL MORSETTO TERMINAL PONTICELLO JUMPER TESTO FUNZIONALE TIPO PAGINA/COLONNA FUNCTION TEXT PAGE/COLUMN TYPE FASE R PHASE R PΕ M6/8.ST1.V2 /501.8 M6/8.ST1.V2 2 M6/8.ST1.V2 FASE S PHASE S PE /501.8 M6/8.ST1.V2 3 M6/8.ST1.V2 2 4 M6/8.ST1.V2 /501.8 M6/8.ST1.V2 PHASE T 5 /501.8 M6/8.ST1.V2 6 M6/8.ST1.V2 FASE R PΕ M6/8.ST1.V2 PHASE R M6/8.ST1.V2 8 M6/8.ST1.V2 FASE S PΕ /501.8 M6/8.ST1.V2 PHASE S 9 /501.8 M6/8.ST1.V2 10 /501.8 M6/8.ST1.V2 FASE T PHASE T PΕ M6/8.ST1.V2 /501.8 11 /501.8 M6/8.ST1.V2 12 M6/8.ST1.V2 /501.8 PΕ M6/8.ST1.V2 PHASE R 13 5 M6/8.ST1.V2 6 14 M6/8.ST1.V2 PΕ M6/8.ST1.V2 PHASE S 15 M6/8.ST1.V2 16 6 M6/8.ST1.V2 FASE T PE M6/8.ST1.V2 PHASE T 17 5 M6/8.ST1.V2 < 502.a 07/12/2017 ESPOSITO SCHEMA MORSETTI =S1+CT-X1.1 Technology Ltd TERMINAL DIAGRAM =S1+CT-X1.1 GRANATA

	NOME CAVO CABLE NAME	MORSETTIERA TERMINAL STRIP =S1+CT-X1.1  MORSETTIERA CLIENTE CUSTOMER TERMINAL STRIP	-w2.T  NOME CAVO CABLE NAME	
TESTO FUNZIONALE FUNCTION TEXT	TIPO CAVO CABLE TYPE	CABLAGGIO WIRING PONTICELLO JUMPER LIVELLO LEVEL MORSETTO TERMINAL CABLAGGIO WIRING	FG70H2M1 TIPO CAVO CABLE TYPE	PAGINA/COLONNA TIPO PAGE/COLUMN TYPE
FASE T PHASE T		18 .	6	/501.8 M6/8.ST1.V2

Technology Ltd | SCHEMA MORSETTI =S1+CT-X1.1 | TERMINAL DIAGRAM =S1+CT-X1.1

07/12/2017 ESPOSITO GRANATA

	MORSETTIERA TERMINAL STRIP =S1+CT-X2					NOME CAVO CABLE NAME					
TESTO FUNZIONALE FUNCTION TEXT	TIPO CAVO CABLE TYPE	WIRING	LIVELLO LEVEL MORSETTO TERMINAL CABLAGGIO	CABLAGGIO WIRING	TIPO CAVO CABLE TYPE			PAGINA/COLC PAGE/COLUI			
			[]=E]								
		500.	_	500.1				/500.8	M6/8.ST1.V2		
		500		500.2				/500.8	M6/8.ST1.V2		
		500.		500.3				/500.8	M6/8.ST1.V2		
		500		500.2				/500.8	M6/8.ST1.V2		
		500.		500.4				/500.8	M6/8.ST1.V2		
		500.	_	500.2				/500.8	M6/8.ST1.V2		
			ŢŢ <u>₽</u> ĔŢŢ								

MORSETTIERA DI APPOGGIO INTERNAL TERMINAL STRIP

< 503.a



07/12/2017 ESPOSITO GRANATA

NOME CAVO CABLE NAME = S	1+CT-W1.R	TRAS		AMPEROMETRICO T TRANSFORMER	TIPO CAVO		FG70H2M1
NUMERO CONDUTTORI N. OF CONDUCTORS	6		SEZIONE SECTION	4		LUNGHEZZA CABLE LENG	6 m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	Pagina/colonna Page/column
/500.7	-X1	1	1	-CT1.R		1s1	/500.0
/500.7	-X1	2	2	-CT1.R	·	1s2	/500.0
/500.7	-X1	7	3	-CT1.R	·	2s1	/500.0
/500.7	-X1	8	4	-CT1.R		2s2	/500.0
/500.7	-X1	13	5	-CT1.R	·	3s1	/500.0
/500.7	-X1	14	6	-CT1.R		3s2	/500.0
/500.6	-Т		SH	-W1.R		SH	/500.6

07/12/2017 ESPOSITO GRANATA



NOME CAVO CABLE NAME =S:	1+CT-W1.S	TRAS		AMPEROMETRICO T TRANSFORMER	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTORI N. OF CONDUCTORS	I 6		SEZIONE SECTION	4	CADLL III	LUNGHEZZA CABLE LENG	5 5 m l
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/500.7	-X1	3	1	-CT1.S		1s1	/500.2
/500.7	-X1	4	2	-CT1.S		1s2	/500.2
/500.7	-X1	9	3	-CT1.S		2s1	/500.2
/500.7	-X1	10	4	-CT1.S		2s2	/500.2
/500.7	-X1	15	5	-CT1.S		3s1	/500.2
/500.7	-X1	16	6	-CT1.S		3s2	/500.2
/500.5	-Т		SH	-W1.S		SH	/500.5

07/12/2017 ESPOSITO GRANATA



NOME CAVO CABLE NAME = S	1+CT-W1.T	TRAS		AMPEROMETRICO T TRANSFORMER	TIPO CAVO	FG70H2M1	
NUMERO CONDUTTORI N. OF CONDUCTORS	6		SEZIONE SECTION	4		LUNGHEZZA CABLE LENG	6 m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	Pagina/colonna Page/column
/500.7	-X1	5	1	-CT1.T		1s1	/500.3
/500.7	-X1	6	2	-CT1.T	·	1s2	/500.3
/500.7	-X1	11	3	-CT1.T	·	2s1	/500.3
/500.7	-X1	12	4	-CT1.T		2s2	/500.3
/500.7	-X1	17	5	-CT1.T	·	3s1	/500.3
/500.7	-X1	18	6	-CT1.T	-	3s2	/500.3
/500.4	-Т		SH	-W1.T	·	SH	/500.4

07/12/2017 ESPOSITO GRANATA



NOME CAVO CABLE NAME = S	1+CT-W2.R	TRAS		AMPEROMETRICO T TRANSFORMER	TIPO CAVO		FG7OH2M1
NUMERO CONDUTTORI N. OF CONDUCTORS	I 6		SEZIONE SECTION	4		LUNGHEZZA CABLE LENG	5 6 m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/501.8	-X1.1	1	1	-CT2.R		1s1	/501.0
/501.8	-X1.1	2	2	-CT2.R		1s2	/501.0
/501.8	-X1.1	7	3	-CT2.R		2s1	/501.0
/501.8	-X1.1	8	4	-CT2.R		2s2	/501.0
/501.8	-X1.1	13	5	-CT2.R		3s1	/501.0
/501.8	-X1.1	14	6	-CT2.R		3s2	/501.0
/501.7	-Т		SH	-W2.R		SH	/501.7

07/12/2017 ESPOSITO GRANATA



0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

# SCHEMA CABLAGGIO CABLE DIAGRAM

NOME CAVO =S	1+CT-W2.S	TRAS		AMPEROMETRICO	TIPO CAVO CABLE TYPE FG7OI			
NUMERO CONDUTTOR:  N. OF CONDUCTORS			SEZIONE SECTION	T TRANSFORMER   4	CABLE TYP	LUNGHEZZA CABLE LENG	5 m l	
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN	
/501.8	-X1.1	3	1	-CT2.S		1s1	/501.2	
/501.8	-X1.1	4	2	-CT2.S		1s2	/501.2	
/501.8	-X1.1	9	3	-CT2.S		2s1	/501.2	
/501.8	-X1.1	10	4	-CT2.S		2s2	/501.2	
/501.8	-X1.1	15	5	-CT2.S		3s1	/501.2	
/501.8	-X1.1	16	6	-CT2.S		3s2	/501.2	
/501.7	-Т		SH	-W2.S		SH	/501.6	

48			
A	B	B	Technology Lt
_			

07/12/2017 ESPOSITO GRANATA SCHEMA CABLAGGIO =S1+CT-W2.S CABLE DIAGRAM =S1+CT-W2.S = S1 + CT 2GJA419652R034 | BAGEM 509 187AF 159 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

# SCHEMA CABLAGGIO CABLE DIAGRAM

NOME CAVO CABLE NAME = S	L+CT-W2.T	TRAS		AMPEROMETRICO T TRANSFORMER	TIPO CAVO		FG70H2M1
NUMERO CONDUTTORI N. OF CONDUCTORS	6		SEZIONE SECTION		4		CAVO 5,6 m
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO		ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN
/501.8	-X1.1	5	1	-CT2.T		1s1	/501.3
/501.8	-X1.1	6	2	-CT2.T		1s2	/501.3
/501.8	-X1.1	11	3	-CT2.T		2s1	/501.3
/501.8	-X1.1	12	4	-CT2.T		2s2	/501.3
/501.8	-X1.1	17	5	-CT2.T		3s1	/501.3
/501.8	-X1.1	18	6	-CT2.T		3s2	/501.3
/501.6	-Т		SH	-W2.T		SH	/501.5

+SM/:

Technology Ltd | SCHEMA CABLAGGIO =S1+CT-W2.T | CABLE DIAGRAM =S1+CT-W2.T

07/12/2017 ESPOSITO GRANATA 0 8 9

## LISTA SEGNALI DI ANOMALIA SISTEMA DI MONITORAGGIO MONITORING SYSTEM LIST OF SIGNAL

IEC60870-5-104 PROTOCOL, SOFTWARE UNAVIS

## IL SISTEMA DEVE RACCOGLIERE I SEGUENTI DATI DALLE BAIE:

- DENSITÀ DEL GAS DI CIASCUN COMPARTIMENTO (O CORREZIONE DELLA PRESSIONE A 20 ° C)
- TEMPERATURA AMBIENTE
- CORRENTE DI TAGLIO ACCUMULATA
- TEMPI DI FUNZIONAMENTO
- CONTABILITÀ DEL NUMERO DI MANOVRE
- SUPERVISIONE DELLE BOBINE DI APERTURA E CHIUSURA (OPZIONALE)
- CORRENTE DEL MOTORE
- CORRENTE DEL CIRCUITO PRINCIPALE PER RENDERE I2T

## IL SISTEMA DEVE REGISTRARE E ANALIZZARE:

- APERTURA DELL'INTERRUTTORE
- CHIUSURA DELL'INTERRUTTORE
- CHIUSURA-APERTURA DELL'INTERRUTTORE
- ALLARMI
- ANALIZZARE LE TENDENZE ED EMETTERE ALLARMI
- INVIA ALLARMI QUANDO VENGONO SUPERATI I LIMITI DELLE VARIABILI PROGRAMMATE

### THE SYSTEM MUST COLLECT THE FOLLOWING DATA FROM THE BAYS:

- GAS DENSITY OF EACH COMPARTMENT (OR PRESSURE CORRECTION AT 20 ° C)
- TEMPERATURE
- ACCUMULATED CUTTING CURRENT
- OPERATING TIMES
- ACCOUNTING FOR THE NUMBER OF MANEUVERS
- SUPERVISION OF IGNITION AND CLOSING COILS (OPTIONAL)

MODIFICA DATA

- MOTOR CURRENT
- CURRENT OF THE MAIN CIRCUIT TO MAKE I2T

### THE SYSTEM MUST RECORD AND ANALYZE:

- SWITCH OPENING
- SWITCH CLOSURE
- CLOSING-OPENING THE SWITCH
- ALARMS

+CT/510

MODIFICA DATA

- ANALYZE TRENDS AND ISSUE ALARMS OF THEM
- SEND ALARMS WHEN THE LIMITS OF THE PROGRAMMED VARIABLES ARE EXCEEDED

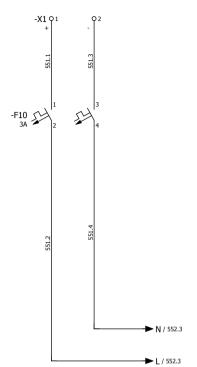
07/12/2017 25/01/2018 ESPOSITO ESPOSITO GRANATA

LISTA SEGNALI SISTEMA DI MONITORAGGIO Technology Ltd MONITORING SYSTEM LIST OF SIGNAL

+ SM 2GJA419652R034

0 9

ALIMENTAZIONE AUSILIARIA SISTEMA DI MONITORAGGIO MONONITORING SYSTEM AUXILIARY SUPPLY





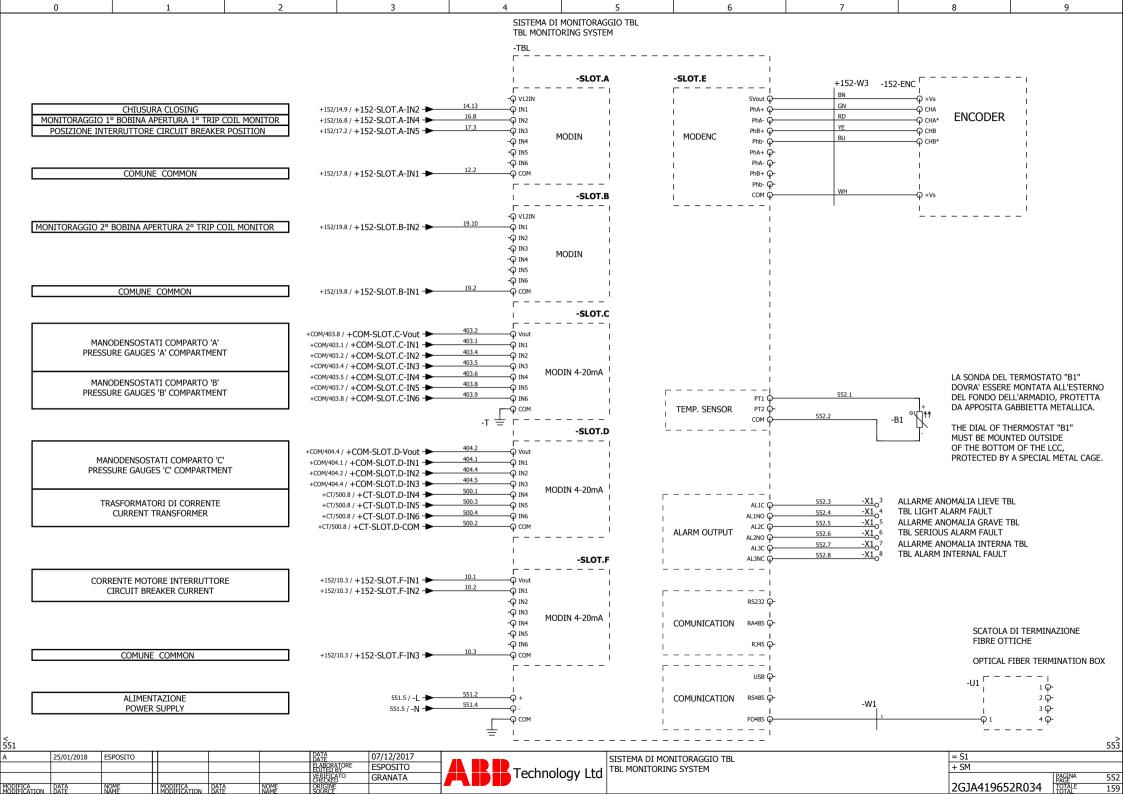
07/12/2017 ESPOSITO GRANATA 25/01/2018 ESPOSITO



Technology Ltd

ALIMENTAZIONE AUSILIARIA SISTEMA DI MONITORAGGIO
MONONITORING SYSTEM AUXILIARY SUPPLY

= S1 + SM 551 159 2GJA419652R034



		CABLE NAME	2025	MORSETTIERA TERMINAL STRIP =S1+SM-X1				CABLE NAME	NOME CAVO		
TESTO FUNZIONALE FUNCTION TEXT		CABLE TYPE	150 040	CABLAGGIO WIRING	MORSETTO TERMINAL	PONTICELLO JUMPER	CABLAGGIO WIRING	CABLE TYPE	ПРО САУО	PAGINA/COLON PAGE/COLUM	
				[	[1=:]						
ALIMENTAZIONE AUSILIARIA SISTEMA DI MONITORAGGIO MONONITORING SYSTEM AUXILIARY SUPPLY					1		551.1			/551.4	M6/8
=					2		551.3			/551.5	M6/8
						•					
ALLARME ANOMALIA LIEVE TBL TBL LIGHT ALARM FAULT					3		552.3			/552.7	M4/6
=					4		552.4			/552.7	M4/6
ALLARME ANOMALIA GRAVE TBL TBL SERIOUS ALARM FAULT					5		552.5			/552.7	M4/6
=					6		552.6			/552.7	M4/6
ALLARME ANOMALIA INTERNA TBL TBL ALARM INTERNAL FAULT					7		552.7			/552.7	M4/6
=					8	<b>.</b>	552.8			/552.7	M4/6
				[							

MORSETTIERA CLIENTE **CUSTOMER TERMINAL STRIP** 

MODIFICA DATA



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0 1 2 3 4 5 6 7 8 9

SCHEMA CABLAGGIO CABLE DIAGRAM

NOME CAVO CABLE NAME =S1+SM-W1 TIPO CAVO CABLE TYPE									
NUMERO CONDUTTOR N. OF CONDUCTORS	I		SEZIONE SECTION		LUNGHEZZA CABLE LENG				
PAGINA/COLONNA PAGE/COLUMN	DESIGNAZIONE DESTINAZIONE DA TARGET DESIGNATION FROM	ATTACCO CONNECTION POINT	CONDUTTORE CONDUCTOR	DESIGNAZIONE DESTINAZIONE IN DIREZIONE DI TARGET DESIGNATION TO	ATTACCO CONNECTION POINT	PAGINA/COLONNA PAGE/COLUMN			
/552.6	-TBL-FO485		1	-U1	1	/552.8			

553

Technology Ltd | SCHEMA CABLAGGIO =S1+SM-W1 | CABLE DIAGRAM =S1+SM-W1

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